



Columbia University  
in the City of New York

# CATALOGUE

1918-1919









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**Columbia University**  
in the City of New York

**Catalogue**  
1918-1919



Mr. C. J.  
Serial  
1918/1919

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| GEORGE W. WICKERSHAM . . . . .        | 30 East 70th Street              |

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*On Buildings and Grounds.* Mrs. MCANENY, *Chairman*; Miss BAKER, Miss CHOATE, the PRESIDENT, and the Chairman of the BOARD OF TRUSTEES (*ex-officio*).

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| FRANK R. CHAMBERS, <i>Vice-Chairman</i> . . . . .     | Bronxville, N. Y.     |
| DUNLEVY MILBANK, <i>Secretary</i> . . . . .           | 27 East 39th Street   |
| †CLARK WILLIAMS, <i>Treasurer</i> . . . . .           | 293 Madison Avenue    |
| ARTHUR TURNBULL, <i>Assistant Treasurer</i> . . . . . | 49 East 74th Street   |
| PETER B. OLNEY . . . . .                              | Lawrence, L. I.       |
| NEWBOLD MORRIS . . . . .                              | 115 East 73rd Street  |
| B. T. BABBITT HYDE . . . . .                          | 7 West 43rd Street    |
| JAMES SPEYER . . . . .                                | 1058 Fifth Avenue     |
| JAMES E. RUSSELL . . . . .                            | 500 West 121st Street |
| Mrs. FREDERICK F. THOMPSON . . . . .                  | 283 Madison Avenue    |
| NICHOLAS MURRAY BUTLER . . . . .                      | Columbia University   |
| Mrs. HELEN HARTLEY JENKINS . . . . .                  | 232 Madison Avenue    |
| FELIX M. WARBURG . . . . .                            | 1109 Fifth Avenue     |
| PHILIP A. ROLLINS . . . . .                           | 28 East 78th Street   |
| RICHARD M. HOE . . . . .                              | 11 East 71st Street   |
| CLEVELAND E. DODGE . . . . .                          | 90 Park Avenue        |
| Mrs. WILLARD D. STRAIGHT . . . . .                    | 1130 Fifth Avenue     |
| Mrs. JOSEPH R. SWAN . . . . .                         | Roslyn, L. I.         |
| VALENTINE L. CHANDOR . . . . .                        | 137 East 62nd Street  |
| MILO B. HILLEGAS . . . . .                            | Montpelier, Vt.       |

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| NICHOLAS MURRAY BUTLER, <i>President</i> . . . . .       | Columbia University |
| CHARLES F. CHANDLER, <i>Vice-President</i> . . . . .     | 51 East 54th Street |
| WILLIAM JAY SCHIEFFELIN, <i>Vice-President</i> . . . . . | 5 East 66th Street  |

† Absent for national service.

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5

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| HENRY C. LOVIS, <i>Vice-President</i>          | 2137 Seventh Avenue                 |
| CLARENCE O. BIGELOW, <i>Treasurer</i>          | 133 West 78th Street                |
| CHARLES W. HOLZHAUER, <i>Secretary</i>         | Newark, N. J.                       |
| ARTHUR J. BAUER, <i>Assistant Secretary</i>    | 69th Street and Columbus Avenue     |
| WALTER B. SIMPSON, <i>Clerk of the College</i> | 44 Morton Place, East Orange, N. J. |

## TERM EXPIRES 1919

|                 |                            |
|-----------------|----------------------------|
| OTTO P. AMEND   | 33 West 81st Street        |
| ADOLPH HENNING  | 527 West 148th Street      |
| CASWELL A. MAYO | 1536—50th Street, Brooklyn |
| REUBEN R. SMITH | 533 West 57th Street       |
| J. LEON LASCOFF | 1223 Lexington Avenue      |

## TERM EXPIRES 1920

|                    |                      |
|--------------------|----------------------|
| JACOB WEIL         | 269 Canal Street     |
| FREDERICK K. JAMES | 247 West 46th Street |
| IRVING MCKESSON    | 128 East 60th Street |
| THEODORE WEICKER   | 80 Beekman Street    |
| EDWARD PLAUT       | 120 William Street   |

## TERM EXPIRES 1921

|                    |                          |
|--------------------|--------------------------|
| WILLIAM P. RITCHEY | 214 Fulton Street        |
| DAVID COSTELO      | 918 Sixth Avenue         |
| ERNEST STAUFFEN    | 36 Gramercy Park         |
| V. CHAPIN DAGGETT  | 314 West 14th Street     |
| HENRY S. BOISNOT   | 74th Street and Broadway |

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The Dean of the Faculties of Political Science, Philosophy, and Pure Science  
The Dean of Columbia College  
The Dean of the Faculty of Applied Science  
The Dean of the Faculty of Law  
The Dean of the Faculty of Medicine  
The Dean of Barnard College  
The Dean of Teachers College  
The Dean of the College of Pharmacy  
The Provost of the University  
The Provost of Barnard College  
The Director of the Summer Session, Extension Teaching, School of Business, and  
School of Dentistry  
The Director of the School of Journalism  
The Director of the School of Architecture  
The Director of University Admissions

### ELECTED DELEGATES

(NOTE. The date after each name indicates the expiration of term of office.)

*Faculty of Political Science.* Professor MCBAIN, *Chairman of Committee on Instruction*; Professor MUNROE SMITH (1919); Professor DUNNING (1920).

*Faculty of Philosophy.* Professor A. H. THORNDIKE, *Chairman of Committee on Instruction*; Professor FLETCHER (1919), Professor KRAPP, substitute; Professor DEWEY (1920), Professor MONTAGUE, substitute.

*Faculty of Pure Science.* Professor PEGRAM, *Chairman of Committee on Instruction*; Professor BOGERT (1919), Professor SHERMAN, substitute; Professor HARPER (1920).

*Faculty of Columbia College.* Professor HAWKES (1919), Professor YOUNG, substitute; Professor ERSKINE (1920), Professor KEYSER, substitute.

*Faculty of Law.* Professor CANFIELD (1919); Professor GIFFORD (1920).

*Faculty of Medicine.* Professor LEE (1919); Professor WOOD (1920).

*Faculty of Applied Science.* Professor LUCKE (1919); Professor TUCKER (1920), Professor WENDELL, substitute.

*Faculty of Barnard College.* Professor HUBBARD (1921).

*Faculty of Education.* Professor LODGE (1919); Professor PAUL MONROE (1920).

*Faculty of Practical Arts.* Professor BIGELOW (1921); Professor BONSER (1920).

*Union Theological Seminary.* President MCGIFFERT.

*General Theological Seminary.* Dean FOSBROKE.



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GEORGE C. DIEKMAN, M.D. . . . . *Associate Dean of the College of Pharmacy*

WILLIAM H. CARPENTER, PH.D.

*Provost of the University and Acting Director of the School of Architecture*

<sup>1</sup> WILLIAM T. BREWSTER, A.M. . . . . *Provost of Barnard College*

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 of the School of Business, and of the School of Dentistry*

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JOHN W. CUNLIFFE, M.A., D.LITT. *Associate Director of the School of Journalism*

ADAM LEROY JONES, PH.D. . . . . *Director of University Admissions*

WILHELM A. BRAUN, PH.D. . . . . *Director of Columbia House*

BLANCHE PRENEZ . . . . . *Secretary of the Maison Française*

FRANK DIEHL FACKENTHAL, A.B. . . . . *Secretary of the University*

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WALTER B. SIMPSON . . . . . *Clerk of the College of Pharmacy*

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EDWARD J. GRANT, A.B. . . . . *Assistant Registrar*

EDWARD K. HAYT, A.M.

*Assistant Registrar and Assistant Bursar at the Medical School*

ANNA E. H. MEYER, A.B. . . . . *Registrar of Barnard College*

FLORENCE E. PECK, A.B. . . . . *Registrar of Teachers College*

CHARLES S. DANIELSON . . . . . *Bursar of the University*

Mrs. N. W. LIGGETT, A.B. . . . . *Bursar of Barnard College*

CYRUS HURLBURT POMEROY . . . . . *Bursar of Teachers College*

<sup>1</sup> Absent on leave 1918-1919.

|                                 |                                                       |
|---------------------------------|-------------------------------------------------------|
| WILLIAM H. CARPENTER, PH.D.     | Acting Librarian of the University                    |
| †ROGER HOWSON, M.A.             | Assistant Librarian                                   |
| FREDERICK C. HICKS, A.M., LL.B. | Law Librarian                                         |
| †JOHN R. CRAWFORD, A.M.         | Librarian of the Avery Library                        |
| ISADORE G. MUDGE, PH.B., B.L.S. | Reference Librarian                                   |
| FREDERIC W. ERB, PH.B.          | Supervisor Loan Department                            |
| FRANK C. ERB                    | Supervisor Shelf Department                           |
| HARRIET B. PRESCOTT             | Supervisor Catalogue Department                       |
| DOLLIE B. HEPBURN               | Supervisor Accessions Department                      |
| ELIZABETH G. BALDWIN            | Librarian of Teachers College                         |
| ALFRED L. ROBERT                | Librarian of the Medical School                       |
| EMMA D. LEE                     | Librarian Applied Science Library                     |
| FELICIU VEXLER, A.M.            | Librarian School of Philosophy                        |
| †M. FLORENCE WILSON             | Librarian Natural Science Libraries                   |
| MARY A. COOK                    | Librarian School of Journalism                        |
| RALPH F. MILLER                 | Librarian of Columbia College                         |
| BERTHA L. ROCKWELL              | Librarian of Barnard College                          |
| FREDERICK ARTHUR GOETZE, M.Sc.  | Comptroller                                           |
| HENRY LEE NORRIS, M.E.          | Superintendent of Buildings and Grounds               |
| DAVID M. UPDIKE, M.E.           | Assistant Superintendent of Buildings and Grounds     |
| Rev. RAYMOND C. KNOX, S.T.D.    | Chaplain of the University                            |
| GEORGE LOUIS MEYLAN, A.M., M.D. | Medical Director of the Gymnasium                     |
| CHARLES T. MCFARLANE, Pd.D.     | Controller of Teachers College                        |
| WILLIAM H. MCCASTLINE, M.D.     | University Medical Officer                            |
| EMMA P. SMITH, PH.D.            | Adviser to Women Graduate Students                    |
| [Resigned February 1, 1919]     |                                                       |
| THOMAS D. WOOD, A.M., M.D.      | College Physician at Teachers College                 |
| LUCETTA DANIELL                 | Social Director, Teachers College                     |
| CLARE M. HOWARD, PH.D.          | Adviser to Women Students in the School of Journalism |
| GULIELMA F. ALSOP, M.D.         | College Physician at Barnard College                  |

Officers of Administration 67 (31 of whom are also members of the Faculties and the teaching staff).

#### OFFICERS NOT IN ACTIVE SERVICE

|                                         |                                                              |
|-----------------------------------------|--------------------------------------------------------------|
| JOHN D. QUACKENBOS, A.M., M.D.          | <i>Emeritus Professor of Rhetoric</i>                        |
| ABRAHAM JACOBI, M.D., LL.D.             | <i>Emeritus Professor of Diseases of Children</i>            |
| GEORGE M. LEFFERTS, M.D., M.Sc.         | <i>Emeritus Professor of Laryngology</i>                     |
| ROBERT F. WEIR, M.D.                    | <i>Emeritus Professor of Surgery</i>                         |
| GEORGE F. FISHER                        | <i>Bursar</i>                                                |
| T. MITCHELL PRUDDEN, M.D., LL.D.        | <i>Emeritus Professor of Pathology</i>                       |
| JAMES S. C. WELLS, PH.D.                | <i>Assistant Professor of Analytical Chemistry</i>           |
| ALEXIS A. JULIEN, PH.D.                 | <i>Curator in Geology</i>                                    |
| C. ALEXANDER NELSON                     | <i>Assistant Librarian</i>                                   |
| MARGARET VAN ZANDT                      | <i>Assistant Librarian</i>                                   |
| CHARLES F. CHANDLER, M.D., LL.D., Sc.D. | <i>Mitchill Professor Emeritus of Chemistry</i>              |
| VIRGIL COBLENTZ, PH.D.                  | <i>Emeritus Professor of Chemistry (College of Pharmacy)</i> |
| JOHN W. BURGESS, PH.D., LL.D., JUR.D.   |                                                              |

*Emeritus Professor of Political Science and Constitutional Law*

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| HENRY M. HOWE, A.M., LL.D., Sc.D. | <i>Emeritus Professor of Metallurgy</i> |
|-----------------------------------|-----------------------------------------|

† Absent on leave for national service.

|                                                |                                                               |
|------------------------------------------------|---------------------------------------------------------------|
| HENRY S. MUNROE, E.M., Ph.D., Sc.D. . . . .    | <i>Emeritus Professor of Mining</i>                           |
| M. ALLEN STARR, M.D., LL.D., Sc.D. . . . .     | <i>Emeritus Professor of Neurology</i>                        |
| SAMUEL T. DUTTON, LL.D. . . . .                | <i>Professor of School Administration in Teachers College</i> |
| FRANCIS M. BURDICK, LL.B., LL.D. . . . .       | <i>Emeritus Professor of Law</i>                              |
| GEORGE W. KIRCHWEY, LL.D. . . . .              | <i>Kent Professor of Law</i>                                  |
| ADOLPHE COHN, A.M., LL.B. . . . .              | <i>Professor of the Romance Languages and Literatures</i>     |
| WILLIAM H. BURR, C.E. . . . .                  | <i>Emeritus Professor of Civil Engineering</i>                |
| WILLIAM MILLIGAN SLOANE, L.H.D., LL.D. . . . . | <i>Seth Low Professor of History</i>                          |
| HENRY S. REDFIELD, LL.D. . . . .               | <i>Nash Professor of Law</i>                                  |
| EDWARD R. SMITH, A.B. . . . .                  | <i>Reference Librarian</i>                                    |
| RICHARD E. DODGE, A.M. . . . .                 | <i>Emeritus Professor of Geography (Teachers College)</i>     |
| JAMES F. KEMP, LL.D., Sc.D. . . . .            | <i>Professor of Geology</i>                                   |
| JULIUS SACHS, Ph.D. . . . .                    | <i>Emeritus Professor of Education (Teachers College)</i>     |
| FRIEDRICH HIRTH, Ph.D. . . . .                 | <i>Dean Lung Professor of Chinese</i>                         |

(28)

## ADMINISTRATIVE BOARD OF THE SUMMER SESSION

(Term expires June 30, 1919)

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| Dean WOODBRIDGE   | Professor ZINSSER         |
| Dean GILDERSLEEVE | Professor BIGELOW         |

(7)

Professor MONROE

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(Term expires June 30, 1919)

|                 |                    |
|-----------------|--------------------|
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| Dean WOODBRIDGE | Professor HAYES    |
| Dean HAWKES     | Professor SHOTWELL |

(7)

Professor BIGELOW

## ADMINISTRATIVE BOARD ON INSTRUCTION AND RESEARCH IN AGRICULTURE

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| Professor EGBERT                        | Professor R. C. MCCREA |
| Professor LOVELL                        | Professor HARPER       |
| Professor H. C. SHERMAN                 | Hon. A. S. DOWNING     |

(8)

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(Term expires June 30, 1921)

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| Dean HAWKES                 | Professor BROWN           |
| Director WILLIAMS           | Professor A. H. THORNDIKE |
| Associate Director CUNLIFFE | Professor PITKIN          |

(8)

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(Term expires June 30, 1920)

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|                    | Acting Director CARPENTER |
| Professor HAMLIN   | Professor BORING          |
| Professor HARRIMAN | Secretary FACKENTHAL      |

(5)

## OFFICERS OF ADMINISTRATION

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(Term expires February 1, 1922)

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| (7)             | Professor MCBAIN   |

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(Term expires June 30, 1920)

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| Professor GIES  | Professor GILLET      |
| (7)             | Dr. C. T. VAN WOERT   |

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(Term expires June 30, 1920)

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| Dean WOODBRIDGE  | Dean HAWKES           |
| (7)              | Professor VAN ARSDALE |

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| Mr. NEWCOMB CARLTON  | Dr. F. C. WOOD    |
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| Mr. W. V. KING   | Dr. F. C. WOOD    |
| (4)              |                   |

## BOARD OF MANAGERS OF THE GEORGE CROCKER SPECIAL RESEARCH FUND

(Term expires June 30, 1921)

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| Mr. HERBERT SATTERLEE | Dr. F. C. WOOD             |
| President BUTLER      | Professor JAMES W. JOBLING |
| (6)                   |                            |

## ADVISORY COMMITTEE ON ART

- |                                 |                                       |
|---------------------------------|---------------------------------------|
| EDWIN H. BLASHFIELD, N.A., A.M. | DANIEL C. FRENCH, A.M., N.A., LITT.D. |
| (3)                             | WILLIAM RUTHERFORD MEAD, N.A., LL.D.  |

## UNIVERSITY COMMITTEE ON STUDENT ORGANIZATIONS

- |                                              |                             |
|----------------------------------------------|-----------------------------|
| Secretary FACKENTHAL, <i>Chairman</i> (1920) |                             |
| Professor FLETCHER (1919)                    | Professor SLICHTER (1920)   |
| (4)                                          | Professor H. G. LORD (1921) |



## UNIVERSITY COMMITTEE ON ATHLETICS

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|----------------------|-------------------|------------------|
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| Dr. MEYLAN           | Mr. SYMMES        | Mr. FARRELL      |
| Mr. DICKEY           | Mr. ALEXANDER     | Mr. LARSON       |
| (9)                  |                   |                  |

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*To serve until June 30, 1919.* Professors SMITH (Teachers College), RAUTENSTRAUCH (Mechanical Engineering), HARPER (Botany), MALTBY (Physics), Lecturer BARRY (History of Science).

*To serve until June 30, 1920.* Professors TRENT (English), KEYSER (Mathematics), WOOD (Medicine), ABBOTT (Law).

*To serve until June 30, 1921.* Professors SHOTWELL (History), SIMKHOVITCH (Economics), WEEKS (Romance Philology), PERRY (Greek).

(14)

## ADVISORY BOARD OF THE SCHOOL OF JOURNALISM

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| JOHN L. HEATON . . . . .                 | New York <i>World</i> , New York                   |
| GEORGE S. JOHNS . . . . .                | St. Louis <i>Post-Dispatch</i> , St. Louis, Mo.    |
| VICTOR F. LAWSON . . . . .               | Chicago <i>Daily News</i> , Chicago, Ill.          |
| CHARLES R. MILLER . . . . .              | New York <i>Times</i> , New York                   |
| E. P. MITCHELL . . . . .                 | The <i>Sun</i> , New York                          |
| RALPH PULITZER . . . . .                 | New York <i>World</i> , New York                   |
| MELVILLE E. STONE . . . . .              | Associated Press, New York                         |
| CHARLES H. TAYLOR . . . . .              | Boston <i>Globe</i> , Boston, Mass.                |
| S. C. WELLS . . . . .                    | Philadelphia <i>Press</i> , Philadelphia, Pa.      |

(11)

## COMMITTEE OF VISITORS TO THE SCHOOL OF ARCHITECTURE

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*On the Nomination of the New York Chapter of the American Institute of Architects.* EGERTON SWARTWOUT, CHARLES A. PLATT, BERTRAM G. GOODHUE.

*On the Nomination of the Society of Beaux Arts Architects.* HENRY F. HORNPOSTEL, LLOYD WARREN, THOMAS HASTINGS.

*On the Nomination of the National Society of Mural Painters.* J. MONROE HEWLETT, EUGENE SAVAGE, ARTHUR CRISP.

*On the Nomination of the National Sculpture Society.* PAUL MANSHIP, A. STIRLING CALDER, A. A. WEINMAN.

(15)

## MEMBERS OF FACULTIES AND TEACHING STAFF

NICHOLAS MURRAY BUTLER . . . . . *President of the University*  
 A.B., Columbia, 1882; A.M., 1883; Ph.D., 1884; LL.D., Syracuse, 1898; Tulane, 1901; Johns Hopkins, Princeton, Yale, and University of Pennsylvania, 1902; Chicago, 1903; Manchester and St. Andrews, 1905; Cambridge, 1907; Williams, 1908; Harvard and Dartmouth, 1909; Brown, 1914; Toronto, 1915; Wesleyan, 1916; D.Litt., Oxford, 1905; Jur.D., Breslau, 1911; Officier de la Légion d'Honneur, 1906, Commandeur, 1912; Order of the Red Eagle (Prussia), Commander, 1910; Member, American Academy of Arts and Letters, 1911; Grand Officer of the Order of the Redeemer of Greece, 1918.

### PROFESSORS

MUNROE SMITH . . . . . *Professor of Roman Law and Comparative Jurisprudence*  
 A.B., Amherst, 1874; A.M., 1880; LL.D., 1916; LL.B., Columbia, 1877; LL.D., 1904; J.U.D., Göttingen, 1880; J.D. Louvain, 1909.

RICHARD J. H. GOTTHEIL, *Professor of Rabbinical Literature and the Semitic Languages*  
 A.B., Columbia, 1881; Ph.D., Leipzig, 1886.

EDWIN R. A. SELIGMAN . . . . . *McVickar Professor of Political Economy*  
 A.B., Columbia, 1879; A.M., 1883; LL.B., 1884; Ph.D., 1884; LL.D., 1904.

WILLIAM HENRY CARPENTER . . . . . *Villard Professor of Germanic Philology  
 and Provost of the University*  
 A.B., Hamilton, 1881; Ph.D., Freiburg, 1881.

<sup>2</sup> ALFRED D. F. HAMLIN . . . . . *Professor of the History of Architecture*  
 A.B., Amherst, 1875; A.M., 1885; L.H.D., St. John's College (Md.), 1912.

ALFRED J. MOSES . . . . . *Professor of Mineralogy*  
 E.M., Columbia, 1882; Ph.D., 1890.

GEORGE S. HUNTINGTON . . . . . *Professor of Anatomy*  
 A.B., Trinity, 1881; A.M., 1884; M.D., Columbia, 1884; Sc.D., 1904; LL.D., Jefferson Medical College, 1907.

HERBERT L. OSGOOD . . . . . *Professor of History*  
 A.B., Amherst, 1877; A.M., 1880; LL.D., 1907; Ph.D., Columbia, 1889.  
 [Died September 11, 1918.]

JOHN BASSETT MOORE, *Hamilton Fish Professor of International Law and Diplomacy*  
 Graduate, Virginia, 1880; LL.D., Columbia, 1899; Delaware, 1900; Yale, 1901; Chicago, 1910; Brown, 1914; equivalent of LL.D., University of Chile, 1910.

HENRY FAIRFIELD OSBORN . . . . . *Research Professor of Zoology*  
 A.B., Princeton, 1877; Sc.D., 1880; LL.D., Trinity College (Hartford), 1901; Princeton, 1902; Columbia, 1907; Sc.D. Cambridge, 1904; Ph.D. (Hon.), Christiania, 1911; Member of National Academy of Sciences.

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<sup>2</sup> ABRAHAM VALENTINE WILLIAMS JACKSON . . . *Professor of Indo-Iranian Languages*  
A.B., Columbia, 1883; A.M., 1884; L.H.D., 1885; Ph.D., 1886; LL.D., 1904.

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Ph.B., Yale, 1878; LL.D., 1901; Ph.D., Johns Hopkins, 1881; LL.D., 1902; LL.D., Chicago, 1901; Sc.D., Cambridge, 1909; M.D. (Hon.), Leipzig, 1909; Member of National Academy of Sciences.

ROBERT PEELE . . . *Professor of Mining*  
E.M., Columbia, 1883.

BRANDER MATTHEWS . . . *Professor of Dramatic Literature*  
A.B., Columbia, 1871; LL.B., 1873; A.M., 1874; LL.D., 1904; D.C.L., University of the South, 1899; Litt.D., Yale, 1901; LL.D., Miami, 1909; Chevalier de la Légion d'Honneur, 1907; Member American Academy of Arts and Letters.

MICHAEL IDVORSKY PUPIN . . . *Professor of Electro-Mechanics and Director of  
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A.B., Columbia, 1883; Sc.D., 1904; Ph.D., Berlin, 1889; LL.D., Johns Hopkins, 1915; Member of National Academy of Sciences.

HENRY ALFRED TODD . . . *Professor of Romance Philology*  
A.B., Princeton, 1876; Ph.D., Johns Hopkins, 1885.

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A.B., Union, 1877; A.M., 1889; Ph.D., 1897; LL.D., Oberlin, 1900.

GEORGE F. CANFIELD . . . *Professor of Law*  
A.B., Harvard, 1875; LL.B., 1880.

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A.B., Columbia, 1885; A.M., 1886; Ph.D., 1888.

HAROLD JACOBY . . . *Rutherford Professor of Astronomy*  
A.B., Columbia, 1885; Ph.D., 1895.

<sup>4</sup> JOHN B. CLARK . . . *Professor of Political Economy*  
A.B., Amherst, 1872; Ph.D., 1890; LL.D., 1897; LL.D., Princeton, 1896; Christiania, 1911.

FRANK N. COLE . . . *Professor of Mathematics*  
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†FREDERIC S. LEE . . . *Dallan Professor of Physiology*  
A.B., St. Lawrence, 1878; A.M., 1881; LL.D., 1918; Ph.D., Johns Hopkins, 1885.

JAMES CHIDESTER EGBERT . . . *Professor of Latin*  
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<sup>4</sup> Absent on leave, 1918-1919.

- EARL B. LOVELL . . . . . *Professor of Civil Engineering*  
C.E., Cornell, 1891.
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- JOHN FRANCIS WOODHULL . . . . . *Professor of Physical Science in Teachers College*  
A.B., Yale, 1880; Ph.D., Columbia, 1899.
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- JAMES EARL RUSSELL . . . . . *Barnard Professor of Education*  
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- <sup>3</sup> FRANK M. MCMURRY . . . . . *Professor of Elementary Education in Teachers College*  
Ph.D., Jena, 1889.
- PAUL MONROE . . . . . *Professor of the History of Education and Director of the*  
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B.S., Franklin, 1890; M.A., 1895; Ph.D., Chicago, 1897; LL.D., Peking, China, 1913.
- WILLIAM P. TRENT . . . . . *Professor of English Literature*  
M.A., Virginia, 1884; LL.D., Wake Forest, 1899; D.C.L., University of the South, 1905.
- HERBERT G. LORD . . . . . *Professor of Philosophy*  
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- NELSON GLENN MCCREA . . . . . *Anthon Professor of the Latin Language and Literature*  
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A.B., Johns Hopkins, 1883; Ph.D., 1886; LL.D., Franklin and Marshall, 1901.
- CLARENCE H. YOUNG . . . . . *Professor of Greek*  
A.B., Columbia, 1888; A.M., 1889; Ph.D., 1891.
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<sup>3</sup> Absent on leave, Spring Session.



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Ph.B., Syracuse, 1881; Ph.M., 1884; Ph.D., 1887; LL.D., 1905; M.Pd., Michigan State  
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- CHARLES THADDEUS TERRY . . . . . *Dwight Professor of Law*  
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- <sup>1</sup> WILLIAM T. BREWSTER . . . . . *Professor of English*  
A.B., Harvard, 1892; A.M., 1893.
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A.B., Columbia, 1889; A.M., 1890; Ph.D., 1893.
- CHARLES KNAPP . . . . . *Professor of Classical Philology*  
A.B., Columbia, 1887; A.M., 1888; Ph.D., 1890.
- L. EMMETT HOLT . . . . . *Carpentier Professor of the Diseases of Children*  
A.B., Rochester, 1875; A.M., 1878; M.D., Columbia, 1880; Sc.D., 1904; Sc.D., Brown, 1914.
- <sup>4</sup> AMADEUS W. GRABAU . . . . . *Professor of Paleontology*  
S.B., Mass. Inst. of Tech., 1896; S.M., Harvard, 1898; S.D., 1900.
- † HENRY ROGERS SEAGER . . . . . *Professor of Political Economy*  
Ph.B., Michigan, 1890; Ph.D., Pennsylvania, 1894.
- HENRY L. MOORE . . . . . *Professor of Political Economy*  
A.B., Randolph-Macon, 1892; Ph.D., Johns Hopkins, 1896.
- JOHN DYNELEY PRINCE . . . . . *Professor of Slavonic Languages*  
A.B., Columbia, 1888; Ph.D., Johns Hopkins, 1892.
- FREDERICK JAMES EUGENE WOODBRIDGE . . . . . *Johnsonian Professor of Philosophy*  
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- <sup>5</sup> FELIX ADLER . . . . . *Professor of Social and Political Ethics*  
A.B., Columbia, 1870; Ph.D., Heidelberg, 1873.
- RALPH EDWARD MAYER . . . . . *Associate Professor of Engineering Drafting*  
C.E., Columbia, 1879.
- HERBERT MAULE RICHARDS . . . . . *Professor of Botany*  
B.S., Harvard, 1891; Sc.D., 1895.
- GARY N. CALKINS . . . . . *Professor of Protozoology*  
B.S., Mass. Inst. of Tech., 1890; Ph.D., Columbia, 1898.
- MARGARET E. MALTBY . . . . . *Associate Professor of Physics in Barnard College*  
A.B., Oberlin, 1882; A.M., 1891; B.S., Mass. Inst. of Tech., 1891; Ph.D., Göttingen, 1895.
- CASSIUS JACKSON KEYSER . . . . . *Adrain Professor of Mathematics*  
B.S., Missouri, 1892; LL.D., 1914; A.M., Columbia, 1896; Ph.D., 1901.
- † MARSHALL H. SAVILLE . . . . . *Loubat Professor of American Archaeology*
- GEORGE L. MEYLAN . . . . . *Professor of Physical Education and Medical Director  
of the Gymnasium*  
M.D., New York University, 1896; B.S., Harvard, 1902; A.M., Columbia, 1904.

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<sup>4</sup> Absent on leave, 1918-1919.

<sup>1</sup> Absent on Sabbatical leave, 1918-1919.

<sup>5</sup> Absent on leave, Spring Session.

- † ELIJAH WILLIAM BAGSTER-COLLINS, *Associate Professor of German in Teachers College*  
A.B., Brown, 1897; A.M., Columbia, 1898.
- MAURICE A. BIGELOW . . . . . *Professor of Biology and Director of the School of  
Practical Arts in Teachers College*  
B.S., Ohio Wesleyan, 1894; M.S., Northwestern, 1896; Ph.D., Harvard, 1901.
- HENRY CARR PEARSON . . . . . *Principal of Horace Mann School with rank of  
Assistant Professor in Teachers College*  
A.B., Harvard, 1892.
- SAMUEL W. LAMBERT . . . . . *Professor of Clinical Medicine*  
A.B., Yale, 1880; Ph.B., 1882; M.A. (Hon.), 1905; M.D., Columbia, 1885.
- ARNOLD H. KNAPP . . . . . *Professor of Ophthalmology*  
A.B., Harvard, 1889; M.D., Columbia, 1892.
- <sup>2</sup> HERMANN T. VULTÉ . . . . . *Assistant Professor of Household Arts in Teachers College*  
Ph.B., Columbia, 1881; Ph.D., 1885.
- FRANCIS CARTER WOOD . . . . . *Director of Cancer Research*  
B.S., Ohio State, 1891; M.D., Columbia, 1894.
- LEA MCILVAINE LUQUER . . . . . *Assistant Professor of Mineralogy*  
C.E., Columbia, 1887; Ph.D., 1894.
- LOUIS AUGUSTE LOISEAUX . . . . . *Associate Professor of French*  
B.S., Dijon, 1894.
- WILLIAM ADDISON HERVEY . . . *Professor of the Germanic Languages and Literatures*  
A.B., Columbia, 1893; A.M., 1894.  
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- RUSSELL BURTON-OPITZ . . . . . *Associate Professor of Physiology*  
M.D., Chicago, 1895; B.S., 1898; M.S., 1902; Ph.D., 1905.
- THOMAS HUNT MORGAN . . . . . *Professor of Experimental Zoology*  
B.S., State College of Kentucky, 1886; Ph.D., Johns Hopkins, 1891; LL.D., Johns Hopkins,  
1915; Member of National Academy of Sciences.
- † JEFFERSON B. FLETCHER . . . . . *Professor of Comparative Literature*  
A.B., Harvard, 1887; A.M., 1889.
- HARRY MCMAHON PAINTER . . . . . *Professor of Clinical Obstetrics*  
A.B., Yale, 1884; Ph.B., 1885; M.D., Columbia, 1888.
- <sup>4</sup> CHARLES LANE POOR . . . . . *Professor of Celestial Mechanics*  
B.S., College of the City of New York, 1886; M.S., 1890; Ph.D., Johns Hopkins, 1892.
- CORNELIUS RYBNER . . . . . *Professor of Music*  
Mus. Doc., George Washington, 1907.
- <sup>3</sup> ARTHUR WESLEY DOW . . . . . *Professor of Fine Arts in Teachers College*
- <sup>1</sup> JOHN DEWEY . . . . . *Professor of Philosophy*  
A.B., Vermont, 1879; Ph.D., Johns Hopkins, 1884; LL.D., Wisconsin, 1904; Vermont, 1911;  
Michigan, 1913; Johns Hopkins, 1915; Member of National Academy of Sciences.
- HENRY H. RUSBY . . . . . *Professor of Materia Medica in the College of Pharmacy*  
M.D., University Medical College of New York, 1884.

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<sup>1</sup> Absent on Sabbatical leave, 1918-1919.<sup>2</sup> Absent on Sabbatical leave, Winter Session. <sup>3</sup> Absent on Sabbatical leave, Spring Session.<sup>4</sup> Absent on leave, 1918-1919.

- GEORGE C. DIEKMAN . . . . . *Professor of Pharmacy in the College of Pharmacy*  
Ph.C., New York College of Pharmacy, 1888; M.D., Columbia, 1901.
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B.S., Maryland Agricultural College, 1893; Sc.D., 1913; A.M., Columbia, 1896; Ph.D., 1897.
- WILLIAM ROBERT SHEPHERD . . . . . *Professor of History*  
A.B., Columbia, 1893; A.M., 1894; Ph.D., 1896; equivalent of L.H.D., University of Chile, 1910.
- † JAMES T. SHOTWELL . . . . . *Professor of History*  
A.B., Toronto, 1898; Ph.D., Columbia, 1903.
- † ALBERT P. WILLS . . . . . *Professor of Mathematical Physics*  
B.E.E., Tufts, 1894; Sc.D., 1911; Ph.D., Clark, 1897.
- ROBERT SESSIONS WOODWORTH . . . . . *Professor of Psychology*  
A.B., Amherst, 1891; A.B., Harvard, 1896; A.M., 1897; Ph.D., Columbia, 1899.
- BERN B. GALLAUDET . . . . . *Assistant Professor of Anatomy*  
A.B., Trinity, 1880; A.M., 1883; M.D., Columbia, 1884.
- <sup>4</sup> SAMUEL A. TUCKER . . . . . *Assistant Professor of Electro-Chemistry*  
Ph.B., Columbia, 1895.
- HENRY BEDINGER MITCHELL . . . . . *Professor of Mathematics*  
E.E., Columbia, 1898; A.M., 1900.
- † VLADIMIR G. SIMKHOVITCH . . . . . *Professor of Economic History*  
Ph.D., Halle-Wittenberg, 1898.
- † EDWARD THOMAS DEVINE . . . . . *Professor of Social Economy*  
B.A., Cornell College, Iowa, 1887; M.A., 1890; LL.D., 1904; Ph.D., Pennsylvania, 1895.
- FRANK W. JACKSON . . . . . *Professor of Clinical Medicine*  
M.D., Columbia, 1879.  
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- JOHN HENRY LARKIN . . . . . *Assistant Professor of Pathology*  
A.B., Manhattan, 1891; M.D., Columbia, 1894.
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A.B., Wesleyan, 1893; L.H.D., 1909; A.M., Harvard, 1896; Ph.D., 1898.
- WALTER RAUTENSTRAUCH . . . . . *Professor of Mechanical Engineering*  
B.S., Missouri, 1902; M.S., Maine, 1903.
- HENRY JOHNSON . . . . . *Professor of History in Teachers College*  
B.L., Minnesota, 1889; A.M., Columbia, 1902.
- MARY ADELAIDE NUTTING . . . . . *Professor of Nursing in Teachers College*  
Diploma, Johns Hopkins Hospital Training School for Nurses, 1891.
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B.S., Durham College of Science, 1898; Sc.D., 1905; M.Sc., Royal School of Mines, 1903; Ph.D., Columbia, 1903; A.M., 1905.
- WILLIAM PEPPERRELL MONTAGUE . . . . . *Associate Professor of Philosophy*  
A.B., Harvard, 1896; A.M., 1897; Ph.D., 1898.
- WILLIAM W. LAWRENCE . . . . . *Professor of English*  
A.B., Bowdoin, 1898; Litt.D., 1917; A.M., Harvard, 1900; Ph.D., 1903.
- JAMES HOWARD MCGREGOR . . . . . *Associate Professor of Zoology*  
B.S., Ohio State, 1894; A.M., Columbia, 1896; Ph.D., 1899.
- <sup>4</sup> DICKINSON S. MILLER . . . . . *Professor of Philosophy*  
A.B., and A.M., Harvard, 1892; Ph.D., Halle, 1893; Sc.D., Hobart, 1909.
- GRACE A. HUBBARD . . . . . *Associate Professor of English in Barnard College*  
A.B., Smith, 1887; A.M., Cornell, 1893.
- NATHAN ABBOTT . . . . . *Nash Professor of Law*  
A.B., Yale, 1877; LL.B., Boston, 1893.
- SAMUEL MCCUNE LINDSAY . . . . . *Professor of Social Legislation*  
Ph.B., Pennsylvania, 1889; LL.D., 1909; Ph.D., Halle, 1892.
- GEORGE D. STRAYER . . . . . *Professor of Educational Administration in Teachers College*  
A.B., Johns Hopkins, 1903; Ph.D., Columbia, 1905.
- CARLTON CLARENCE CURTIS . . . . . *Associate Professor of Botany*  
A.B., Syracuse, 1889; Ph.D., 1893; A.M., Columbia, 1892.
- WILLIAM R. WILLIAMS . . . . . *Associate Professor of Clinical Medicine*  
A.B., Williams, 1889; A.M., 1892; M.D., Columbia, 1895.
- ARTHUR L. WALKER . . . . . *Professor of Metallurgy*  
E.M., Columbia, 1883.
- LUCIUS W. HOTCHKISS . . . . . *Professor of Clinical Surgery*  
A.B., Columbia, 1881; M.D., 1884.
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- † CHARLES NORTH DOWD . . . . . *Professor of Clinical Surgery*  
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- EVAN M. EVANS . . . . . *Professor of Clinical Medicine*  
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<sup>4</sup> Absent on leave, 1918-1919.



- MARIE REIMER . . . . . *Associate Professor of Chemistry in Barnard College*  
Ph.D., Bryn Mawr, 1904.
- GEORGE B. PEGRAM . . . . . *Professor of Physics*  
A.B., Trinity (N. C.), 1895; Sc.D., 1918; Ph.D., Columbia, 1903.
- CHARLES P. WARREN . . . . . *Assistant Professor of Architecture*  
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- BERGEN DAVIS . . . . . *Associate Professor of Physics*  
B.S., Rutgers, 1896; A.M., Columbia, 1900; Ph.D., 1901.
- KARL MAX VOGEL . . . . . *Assistant Professor of Clinical Pathology*  
Ph.G., New York College of Pharmacy, 1896; M.D., Columbia, 1900.
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A.B., Columbia, 1900; A.M., 1901; Ph.D., 1903.
- WILLIAM D. GUTHRIE . . . . . *Ruggles Professor of Constitutional Law*  
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- DANIEL GREGORY MASON . . . . . *Associate Professor of Music*  
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A.B., Harvard, 1902; Ph.D., 1908.
- <sup>4</sup> CHARLES C. GROVE . . . . . *Assistant Professor of Mathematics*  
A.B., Penn College, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1906.
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E.E., Syracuse, 1904; B.S., 1907.

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<sup>4</sup> Absent on leave, 1918-1919.

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A.B., Columbia, 1904; A.M., 1905; Ph.D., 1909.
- VIRGINIA C. GILDERSLEEVE . . . . . *Dean of Barnard College and Professor of English*  
A.B., Columbia, 1899; A.M., 1900; Ph.D., 1908.
- WILLIAM BENJAMIN FITE . . . . . *Professor of Mathematics*  
Ph.B., Cornell, 1892; Ph.D., 1901.
- HERBERT E. HAWKES . . . . . *Professor of Mathematics*  
A.B., Yale, 1896; Ph.D., 1900.
- GEORGE PHILIP KRAPP . . . . . *Professor of English*  
A.B., Wittenberg, 1894; A.M., 1897; Ph.D., Johns Hopkins, 1899.
- FRANK GARDNER MOORE . . . . . *Professor of Classical Philology*  
A.B., Yale, 1886; Ph.D., 1890.
- WALTER IRVINE SLICHTER . . . . . *Professor of Electrical Engineering*  
E.E., Columbia, 1896.
- HARLAN F. STONE . . . . . *Kent Professor of Law*  
B.S., Amherst, 1894; A.M., 1900; LL.D., 1913; LL.B., Columbia, 1898.
- LA RUE VAN HOOK . . . . . *Associate Professor of Classical Philology*  
A.B., Michigan, 1899; Ph.D., Chicago, 1904.
- GEORGE V. WENDELL . . . . . *Professor of Physics*  
B.S., Mass. Inst. of Tech., 1892; Ph.D., Leipzig, 1898.
- CURT P. WIMMER . . . . . *Assistant Professor of Pharmacy in the College of Pharmacy*  
Phar.G., New York College of Pharmacy, 1902; Phar.D., 1904; A.M., Columbia, 1909.
- FREDERICK G. BONSER . . . . . *Professor of Education in Teachers College*  
B.S., Illinois, 1901; M.S., 1902; Ph.D., Columbia, 1911.
- ANNA M. COOLEY . . . . . *Associate Professor of Household Arts in Teachers College*  
B.S., Columbia, 1903; Bachelor's Diploma, Teachers College, 1903; Diploma, New York Normal College, 1893; Hunter Kindergarten Training School, 1894.
- <sup>3</sup> JANE FALES . . . . . *Assistant Professor of Household Arts in Teachers College*  
Diploma, Teachers College, 1906; B.S., Columbia, 1907.
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- AZUBAH J. LATHAM . . . . . *Assistant Professor of Oral English in Teachers College*  
B.A., Boston University, 1880; Diploma, Boston School of Expression, 1890.
- CHARLES T. MCFARLANE . . . . . *Professor of Geography in Teachers College*  
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- Mrs. MARY D. SWARTZ ROSE, *Associate Professor of Household Arts in Teachers College*  
B.L., Denison, 1901; Diploma, Mechanics Institute, Rochester, 1902; B.S., Columbia, 1906; Ph.D., Yale, 1909; Diploma, Teachers College, 1906.
- HENRY A. RUGER . . . . . *Assistant Professor of Educational Psychology in Teachers College*  
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- † CHARLES N. B. CAMAC . . . . . *Assistant Professor of Clinical Medicine*  
A.B., Pennsylvania, 1892; M.D., 1895.
- CHARLES A. HARRIMAN . . . . . *Assistant Professor of Architecture*
- EVERETT J. HALL . . . . . *Assistant Professor of Assaying*
- † HARRY L. PARR . . . . . *Assistant Professor of Mechanical Engineering*  
A.B., Columbia, 1902; Mech.E., 1904.
- <sup>4</sup> SAMUEL OSGOOD MILLER . . . . . *Assistant Professor of Drawing*  
C.E., Columbia, 1895.
- EDWARD F. KERN . . . . . *Assistant Professor of Metallurgy*  
B.S., Tennessee, 1897; Ph.D., Columbia, 1901.
- † HAL T. BEANS . . . . . *Associate Professor of Chemistry*  
B.S., Nebraska, 1899; A.M., 1900; Ph.D., Columbia, 1904.
- ALVAN A. TENNEY . . . . . *Assistant Professor of Sociology*  
A.B., Columbia, 1898; A.M., 1899; Ph.D., 1907.
- † CHARLES W. THOMAS . . . . . *Assistant Professor of Mechanical Engineering*  
Mech.E., Stevens Institute of Technology, 1884.
- <sup>2</sup> EUGENE E. AGGER . . . . . *Associate Professor of Economics*  
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- ROBERT L. SCHUYLER . . . . . *Assistant Professor of History*  
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- HENRY V. ARNY . . . . . *Professor of Chemistry in the College of Pharmacy*  
Ph.M., Philadelphia College of Pharmacy, 1889; Ph.D., Göttingen, 1896.
- CHARLES SEARS BALDWIN . . . . . *Professor of Rhetoric and English Composition*  
A.B., Columbia, 1888; A.M., 1889; Ph.D., 1894.
- ALON BEMENT . . . . . *Assistant Professor of Fine Arts in Teachers College*  
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- ROBERT E. CHADDOCK . . . . . *Associate Professor of Statistics*  
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- WILLYSTINE GOODSSELL . . . . . *Assistant Professor of Education in Teachers College*  
B.S., Columbia, 1905; A.M., 1906; Ph.D., 1910.
- ROBERT A. HARPER . . . . . *Torrey Professor of Botany*  
A.B., Oberlin, 1886; A.M., 1891; Ph.D., Bonn, 1896; Member of National Academy of Sciences.
- WILLIAM H. KILPATRICK . . . . . *Professor of Education in Teachers College*  
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<sup>2</sup> Absent on leave from January 1.<sup>4</sup> Absent on leave to January 1.

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A.B., Johns Hopkins, 1897; M.D., 1901.
- WILLIAM G. MARQUETTE . . . . . *Associate Professor of Botany*  
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- O. S. MORGAN . . . . . *Professor of Agriculture*  
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- FRANK HENRY PIKE . . . . . *Associate Professor of Physiology*  
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- ALEXANDER SMITH . . . . . *Professor of Chemistry*  
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- † JOHN W. CUNLIFFE . . . . . *Professor of English and Associate Director of the  
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- WENDELL T. BUSH . . . . . *Associate Professor of Philosophy*  
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- † CHARLES C. SLEFFEL . . . . . *Assistant Professor of Mechanical Engineering*
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B.S., Ohio State, 1898.
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- <sup>3</sup> GERTRUDE M. HIRST . *Assistant Professor of Classical Philology in Barnard College*  
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<sup>1</sup> Absent on leave, Winter Session.<sup>3</sup> Absent on Sabbatical leave, Spring Session.<sup>4</sup> Absent on leave, Spring Session.



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B.S., New Mexico, 1901; Ph.D., Columbia, 1903.
- <sup>3</sup> ROMIETT STEVENS . . . . . *Assistant Professor of Secondary Education in Teachers College*  
B.S., Columbia, 1907; A.M., 1908; Ph.D., 1912.
- WILLIAM H. WOGLOM . . . . . *Associate Professor of Cancer Research*  
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- HENRY S. PATTERSON . . . . . *Assistant Professor of Clinical Medicine*  
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- GEORGE A. TUTTLE . . . . . *Assistant Professor of Clinical Medicine*  
A.B., Amherst, 1883; M.D., Columbia, 1886.
- THOMAS R. POWELL . . . . . *Associate Professor of Constitutional Law*  
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- <sup>2</sup> EDGAR H. STURTEVANT . . . . . *Assistant Professor of Classical Philology*  
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- FRANK S. MATTHEWS . . . . . *Assistant Professor of Clinical Surgery*  
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- <sup>4</sup> FRANK C. SCHROEDER . . . . . *Assistant Professor of Mechanics*  
B.S., Wisconsin, 1907; C.E., 1910.
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- ALLAN ABBOTT . . . . . *Assistant Professor of English in Teachers College*
- BENJAMIN R. ANDREWS . . . . . *Assistant Professor of Household Arts in Teachers College*  
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- † WILLIAM A. DOWNES . . . . . *Assistant Professor of Clinical Surgery*  
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- † ANNE W. GOODRICH . . . . . *Assistant Professor of Nursing and Health in Teachers College*
- DANIEL D. JACKSON . . . . . *Professor of Chemical Engineering*  
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FRANK A. PATTERSON . . . *Assistant Professor of English*  
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† WESLEY C. MITCHELL . . . *Professor of Economics*  
A.B., Chicago, 1896; Ph.D., 1899.

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B.S., Columbia, 1903; A.M., 1908; Ph.D., Cornell, 1914.

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B.S., Columbia, 1905; A.M., 1906; Ph.D., 1911.

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CORNELIUS G. COAKLEY . . . *Professor of Laryngology and Otology*  
A.B., College of the City of New York, 1884; A.M., 1887; M.D., New York University, 1887.

† ROBERT H. MONTGOMERY . . . *Assistant Professor of Accounting*

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- JAMES P. C. SOUTHALL . . . . . *Associate Professor of Physics*  
B.A., Virginia, 1891; M.A., 1893.
- † EUGENE H. POOL . . . . . *Professor of Clinical Surgery*  
A.B., Harvard, 1895; M.D., Columbia, 1899.
- † LINCOLN DEGROOT MOSS . . . . . *Assistant Professor of Mechanical Engineering*
- WARD A. HOLDEN . . . . . *Professor of Clinical Ophthalmology*  
A.B., Marietta, 1884; A.M., 1888; M.D., Medical College of Ohio, 1887.
- EDWARD LIVINGSTON HUNT . . . . . *Assistant Professor of Clinical Neurology*  
A.B., Harvard, 1893; M.D., Columbia, 1896.
- † JAMES KENDALL . . . . . *Associate Professor of Chemistry*  
B.S., and M.A., Edinburgh, 1910; Sc.D., 1915.
- HENRY H. L. SCHULZE, *Assistant Professor of the Germanic Languages and Literatures*  
A.B., College of the City of New York, 1903; A.M., Columbia, 1905.
- JAMES K. FINCH . . . . . *Associate Professor of Civil Engineering*  
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- EDWARD S. ELLIOTT . . . . . *Assistant Professor of Physical Education*  
M.D., Tufts, 1908; S.B., Boston, 1912.
- BENJAMIN B. KENDRICK . . . . . *Assistant Professor of History*  
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- † LOUIS CASAMAJOR . . . . . *Associate Professor of Neurology*  
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- THOMAS H. BRIGGS . . . . . *Associate Professor of Education in Teachers College*  
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- ROBERT M. RAYMOND . . . . . *Professor of Mining*  
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- WALTER A. BASTEDO . . . . . *Assistant Professor of Clinical Medicine*  
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- WILBUR WARD . . . . . *Assistant Professor of Gynecology*  
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- † HORATIO B. WILLIAMS . . . . . *Assistant Professor of Physiology*  
A.B., Syracuse, 1900; M.D., 1905.
- WILLIAM K. GREGORY . . . . . *Assistant Professor of Vertebrate Paleontology*  
A.B., Columbia, 1900; A.M., 1905; Ph.D., 1910.
- WILLIAM A. BORING . . . . . *Professor of Design*
- RICHARD FROTHINGHAM . . . . . *Assistant Professor of Laryngology and Otology*  
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- ROSCOE GUERNSEY . . . . . *Assistant Professor of Classical Philology*  
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- † FREDERICK W. HEHRE . . . . . *Assistant Professor of Electrical Engineering*  
E.E., Columbia, 1908.
- ROBERT MURRAY HAIG . . . . . *Assistant Professor of Economics*  
A.B., Ohio Wesleyan, 1908; A.M., Illinois, 1909; Ph.D., Columbia, 1914.
- HENRY A. E. CHANDLER . . . . . *Associate Professor of Economics*  
B.S., Northwestern, 1905; Ph.D., Columbia, 1916.
- ANNA W. BALLARD . . . . . *Assistant Professor of French in Teachers College*  
A.B., Toronto, 1900; A.M., 1913.
- FEDERICO DE ONÍS . . . . . *Professor of Spanish Literature*
- JOHN MONTGOMERY GAMBRILL . . . *Assistant Professor of History in Teachers College*  
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- CHARLES D. HAZEN . . . . . *Professor of History*  
A.B., Dartmouth, 1889; Litt. D., 1914; Ph.D., Johns Hopkins, 1893; L.H.D., Hobart, 1911.
- JEANNOT HOSTMANN . . . *Associate Professor of Chemistry in the College of Pharmacy*  
Ph.G., College of Pharmacy, 1896.
- † CARL W. LARSON . . . . . *Assistant Professor of Agriculture*  
B.S., Iowa State College, 1906; M.S., Pennsylvania State College, 1913; Ph.D., Columbia, 1916.
- HASTINGS LYON . . . . . *Assistant Professor of Finance*  
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- YOUNG B. SMITH . . . . . *Associate Professor of Law*  
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- J. BENTLEY SQUIER . . . . . *Professor of Urology*  
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- Rev. H. E. W. FOSBROKE . . . . . *Dean of the General Theological Seminary*
- S. PHILIP GOODHART . . . . . *Assistant Professor of Neurology*  
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- ROSCOE C. E. BROWN . . . . . *Assistant Professor of Journalism*  
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A.B., Princeton, 1886; A.M., Columbia, 1892; Ph.D., 1896.
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- THURMAN W. VAN METRE . . . . . *Assistant Professor of Transportation*  
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- FREDERIC A. PEESO . . . . . *Professor of Dentistry*  
D.D.S., Pennsylvania, 1889.
- JAMES P. RUYL . . . . . *Assistant Professor of Dentistry*  
D.D.S., New York College of Dentistry, 1894.
- FRANK T. VAN WOERT . . . . . *Professor of Prosthodontia*  
M.D.S., New York State Dental Society, 1890.
- LEUMAN M. WAUGH . . . . . *Professor of Pathology in School of Dentistry*  
D.D.S., University of Buffalo, 1900.
- J. LOWE YOUNG . . . . . *Professor of Orthodontia*  
D.D.S., Philadelphia Dental College, 1890.
- † TRUMAN L. KELLEY . . . . . *Assistant Professor of Education in Teachers College*  
A.B., Illinois, 1909; A.M., 1911; Ph.D., Columbia, 1914.
- WALTER W. PALMER . . . . . *Associate Professor of the Practice of Medicine*  
B.S., Amherst, 1905; M.D., Harvard, 1910.
- † THOMAS I. PARKINSON . . . . . *Professor of Legislation*  
A.B., Philadelphia Central High School, 1899; LL.B., Pennsylvania, 1902.
- KATHARINE C. REILEY . . . . . *Assistant Professor of Classical Philology*  
A.B., Vassar, 1895; A.M., Columbia, 1902; Ph.D., 1909.
- WILHELMINA SPOHR . . . . . *Assistant Professor of Household Arts Education*  
*in Teachers College*  
B.S., Kansas State Agricultural College, 1897; B.S., Columbia, 1914; A.M., 1917.
- ISABEL M. STEWART . . . . . *Assistant Professor of Nursing and Health in Teachers College*  
B.S., Columbia, 1911; A.M., 1913.
- † MARION REX TRABUE . . . . . *Assistant Professor of Education in Teachers College*  
A.B., Northwestern, 1911; A.M., Columbia, 1914.
- Rev. ARTHUR C. MCGIFFERT . . . . . *President of the Union Theological Seminary*  
A.B., Western Reserve, 1882; A.M., 1885; D.D., 1892; D.D., Harvard, 1906; B.D., Union  
Theological Seminary, 1885; Ph.D., Marburg, 1888.
- RUSSELL A. HIBBS . . . . . *Professor of Orthopedic Surgery*  
M.D., Louisville, 1890.
- OSCAR J. CHASE, JR. . . . . *Assistant Professor of Operative Dentistry*  
D.D.S., New York College of Dentistry, 1905.
- WILLIAM D. TRACY . . . . . *Associate Professor of Operative Dentistry*  
D.D.S., Pennsylvania, 1896.
- S. WELLING VAN SAUN . . . . . *Assistant Professor of Operative Dentistry*  
D.D.S., New York College of Dentistry, 1900.
- JAMES T. GRADY . . . . . *Assistant Professor of Journalism*  
LL.B., Columbia, 1917.
- JAMES W. JOBLING . . . . . *Professor of Pathology*  
M.D., Tennessee Medical College, 1897.
- RALPH H. MCKEE . . . . . *Professor of Chemical Engineering*  
A.B., Wooster, 1895; A.M., 1897; Ph.D., Chicago, 1901.
- GEORGE M. MACKEE . . . . . *Assistant Professor of Dermatology and Syphilology*  
M.D., Bellevue Hospital Medical College, 1899.
- † Absent on leave for national service.

- CHARLES H. JAEGER . . . . . *Assistant Professor of Orthopedic Surgery*  
M.D., Columbia, 1896.
- ROBERT G. SNYDER . . . . . *Assistant Professor of Clinical Medicine*  
M.D., Toronto, 1904.
- WILLIAM A. MADDOX . . . . . *Assistant Professor of Education in Teachers College*  
A.B., William and Mary, 1904; A.M., Columbia, 1911; Ph.D., 1918.
- WILLIAM D. ENNIS . . . . . *Acting Professor of Mechanical Engineering*  
M.E., Stevens Institute of Technology, 1897.  
[From October 14, 1918 to April 14, 1919.]
- CHARLES W. BALLARD *Associate Professor of Pharmacognosy in the College of Pharmacy*  
Ph.C., Columbia, 1907; Phar.D., 1908; A.M., 1911.
- NICKOLAUS L. ENGELHARDT . . *Assistant Professor of Education in Teachers College*  
A.B., Yale, 1903; Ph.D., Columbia, 1918.  
(\*342)

## CLINICAL PROFESSORS

- JOHN S. THACHER . . . . . *Professor of Clinical Medicine*  
A.B., Yale, 1877; M.D., Columbia, 1880.
- WALTER F. CHAPPELL . . . . . *Professor of Clinical Laryngology and Otology*  
M.D., Toronto, 1879.  
[Died October 19, 1918.]
- PORTER F. CHAMBERS . . . . . *Professor of Clinical Gynecology*  
A.B., Emory, 1873; M.D., Bellevue Hospital Medical College, 1876.
- FRANCIS HUBER . . . . . *Professor of Clinical Medicine*  
B.S., College of the City of New York, 1873; M.D., College of Physicians and Surgeons, 1877.
- ROBERT LEWIS . . . . . *Professor of Clinical Laryngology and Otology*  
M.D., Columbia, 1885.
- JACOB KAUFMAN . . . . . *Professor of Clinical Medicine*  
M.D., Strassburg, 1885.
- RUDOLF C. DENIG . . . . . *Professor of Clinical Ophthalmology*  
M.D., Würzburg, 1891.
- † NATHAN E. BRILL . . . . . *Professor of Clinical Medicine*  
A.B., College of the City of New York, 1877; A.M., 1883; M.D., New York University, 1880.
- FREDERICK KAMMERER . . . . . *Professor of Clinical Surgery*  
M.D., Freiburg, 1880.
- EMANUEL LIBMAN . . . . . *Professor of Clinical Medicine*  
A.B., College of the City of New York, 1891; M.D., Columbia, 1894.
- FRANK R. OASTLER . . . . . *Professor of Clinical Gynecology*  
A.B., Yale, 1891; M.D., Columbia, 1894.
- AUSTIN W. HOLLIS . . . . . *Professor of Clinical Medicine*  
M.D., Columbia, 1890.
- WALTON MARTIN . . . . . *Professor of Clinical Surgery*  
Ph.B., Yale, 1889; M.D., Columbia, 1892.
- † HENRY H. M. LYLE . . . . . *Professor of Clinical Surgery*  
M.D., Columbia, 1900.

\* Including those absent on leave for national service.

† Absent on leave for national service.

- HOWARD C. TAYLOR . . . . . *Professor of Clinical Gynecology*  
Ph.B., Yale, 1888; M.D., Columbia, 1891.
- † ELLSWORTH ELIOT, JR. . . . . *Professor of Clinical Surgery*  
A.B., Yale, 1884; M.D., Columbia, 1887.
- † ALEXIS V. MOSCHCOWITZ . . . . . *Professor of Clinical Surgery*  
Ph.G., New York College of Pharmacy, 1885; M.D., Columbia, 1891.
- SIEGFRIED WACHSMANN . . . . . *Professor of Clinical Medicine*  
M.D., Berlin, 1891.
- GEORGE LUDWIG LA PORTE . . . . . *Assistant Professor of Clinical Medicine*  
M.D., Columbia, 1894.
- † BERNARD SUTRO OPPENHEIMER . . . . . *Assistant Professor of Clinical Medicine*  
A.B., Harvard, 1897; M.D., Columbia, 1901.
- GEORGE ROBERT ELLIOTT . . . . . *Assistant Professor of Clinical Orthopedic Surgery*  
M.D., Columbia, 1881.
- \* (20)

## ASSOCIATES

- JOHN DOUGLAS ADAM . . . . . *Religion*  
D.D., Rutgers, 1899.
- ALBERT W. ATWOOD . . . . . *Journalism*  
A.B., Amherst, 1903.
- HUGH AUCHINCLOSS . . . . . *Surgery*  
A.B., Yale, 1901; M.D., Columbia, 1905.
- CHARLES H. BAILEY . . . . . *Pathology*  
A.B., Brown, 1903; M.D., Harvard, 1910.
- CLARENCE G. BANDLER . . . . . *Urology*  
M.D., Columbia, 1904.
- FREDERIC H. BARTLETT . . . . . *Diseases of Children*  
A.B., Harvard, 1895; A.M., Columbia, 1898; M.D., 1905.
- HENRY W. BERG . . . . . *Diseases of Children*  
A.B., College of the City of New York, 1878; M.D., Columbia, 1881.
- ALBIN H. BEYER . . . . . *Civil Engineering*  
C.E., Columbia, 1903.
- FREDERICK D. BULLOCK . . . . . *Cancer Research*  
B.S., Kentucky State College, 1899; M.D., Johns Hopkins, 1907.
- HERBERT S. CARTER . . . . . *Medicine*  
A.B., Princeton, 1892; A.M., 1895; M.D., Columbia, 1895.
- F. MORRIS CLASS . . . . . *Medicine*  
A.B., Harvard, 1903; M.D., Columbia, 1907.
- JAMES A. CORSCADEN . . . . . *Surgery (also Instructor in Gynecology)*  
Ph.B., Wesleyan, 1902; M.D., Columbia, 1906.
- RICHARD H. CUNNINGHAM . . . . . *Physiology*  
M.D., Virginia Medical College, 1886; M.D., Columbia, 1888.
- MAYNIE R. CURTIS . . . . . *Cancer Research*  
A.B., Michigan, 1905; A.M., 1908; Ph.D., 1913.

† Absent on leave for national service.

\* Including those absent on leave for national service.



|                                                              |                             |
|--------------------------------------------------------------|-----------------------------|
| FREDERICK T. DAWSON . . . . .                                | <i>Physical Education</i>   |
| GERTRUDE DUDLEY . . . . .                                    | <i>Physical Education</i>   |
| [Term expired January 1, 1919.]                              |                             |
| JAMES G. DWYER . . . . .                                     | <i>Bacteriology</i>         |
| M.D., Queen's, 1905; Ph.D., Columbia, 1918.                  |                             |
| ANDREW A. EGGSTEIN . . . . .                                 | <i>Pathology</i>            |
| B.S., Dickson, 1908; M.D., Vanderbilt Medical College, 1912. |                             |
| ADOLPH ELWYN . . . . .                                       | <i>Anatomy</i>              |
| B.S., Columbia, 1915; A.M., 1917.                            |                             |
| LEMUEL W. FAMULENER . . . . .                                | <i>Serology</i>             |
| Ph.C., Michigan, 1900; A.B., 1903; M.D., 1906.               |                             |
| † ROBERT T. FRANK . . . . .                                  | <i>Cancer Research</i>      |
| A.B., Harvard, 1896; A.M. and M.D., Columbia, 1900.          |                             |
| H. RAWLE GEYELIN . . . . .                                   | <i>Medicine</i>             |
| A.B., Pennsylvania, 1906; M.D., 1909.                        |                             |
| PAUL M. GIESY . . . . .                                      | <i>Cancer Research</i>      |
| HENRY E. HALE . . . . .                                      | <i>Medicine</i>             |
| A.B., Princeton, 1892; A.M., 1896; M.D., Columbia, 1896.     |                             |
| BENJAMIN HARROW . . . . .                                    | <i>Biological Chemistry</i> |
| Chemist, Columbia, 1911; A.M., 1912; Ph.D., 1913.            |                             |
| † ROYAL S. HAYNES . . . . .                                  | <i>Diseases of Children</i> |
| Ph.B., Cornell, 1899; M.D., Columbia, 1903.                  |                             |
| JOHN VANCE HEWITT . . . . .                                  | <i>Law</i>                  |
| A.B., Missouri, 1905; LL.B., Columbia, 1912.                 |                             |
| HARRY MILES IMBODEN . . . . .                                | <i>Roentgenology</i>        |
| LINNAEUS E. LA FETRA . . . . .                               | <i>Diseases of Children</i> |
| A.B., Wesleyan, 1891; M.D., Columbia, 1894.                  |                             |
| ALBERT R. LAMB . . . . .                                     | <i>Medicine</i>             |
| A.B., Yale, 1903; M.D., Columbia, 1907.                      |                             |
| WILLIAM BAYARD LONG . . . . .                                | <i>Cancer Research</i>      |
| A.B., Columbia, 1908; M.D., 1910.                            |                             |
| ROBERT E. MACALARNEY . . . . .                               | <i>Journalism</i>           |
| A.B., Dickinson, 1893.                                       |                             |
| HAROLD R. MEDINA . . . . .                                   | <i>Law</i>                  |
| A.B., Princeton, 1909; LL.B., Columbia, 1912.                |                             |
| EDGAR G. MILLER, JR. . . . .                                 | <i>Biological Chemistry</i> |
| B.S., Gettysburg, 1911; Ph.D., Columbia, 1913.               |                             |
| FREDERICK PRIME . . . . .                                    | <i>Cancer Research</i>      |
| B.S., Pennsylvania, 1902; M.D., 1905.                        |                             |
| Mrs. EMILY JAMES PUTNAM . . . . .                            | <i>History</i>              |
| A.B., Bryn Mawr, 1889.                                       |                             |
| GEORGE L. ROHDENBURG . . . . .                               | <i>Cancer Research</i>      |
| M.D., Cornell, 1905.                                         |                             |

† Absent on leave for national service.

|                                                                          |                                             |
|--------------------------------------------------------------------------|---------------------------------------------|
| MAX SCHULMAN . . . . .                                                   | <i>Medicine</i>                             |
| M.D., Columbia, 1905.                                                    |                                             |
| † ERNEST L. SCOTT . . . . .                                              | <i>Physiology</i>                           |
| S.B., Ohio Wesleyan, 1902; S.M., Chicago, 1911; Ph.D., Columbia, 1914.   |                                             |
| † T. LESLIE SHEAR . . . . .                                              | <i>Classical Philology</i>                  |
| A.B., New York University, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1904. |                                             |
| EDWIN E. SLOSSON . . . . .                                               | <i>Journalism</i>                           |
| B.S., Kansas, 1890; M.S., 1892; Ph.D., Chicago, 1902.                    |                                             |
| CHARLES H. SMITH . . . . .                                               | <i>Diseases of Children</i>                 |
| B.S., Cornell, 1897.                                                     |                                             |
| CARL VAN DOREN . . . . .                                                 | <i>English</i>                              |
| A.B., Illinois, 1907; Ph.D., Columbia, 1911.                             |                                             |
| JOHN C. VAUGHAN . . . . .                                                | <i>Anatomy (also Instructor in Surgery)</i> |
| M.D., Columbia, 1907.                                                    |                                             |
| FRANK E. WARD . . . . .                                                  | <i>Music</i>                                |
| ARTHUR WARE . . . . .                                                    | <i>Architecture</i>                         |
| B.S., Columbia, 1898; Diplômé, Ecole des Beaux-Arts, 1903.               |                                             |
| MABEL F. WEEKS . . . . .                                                 | <i>English</i>                              |
| A.B., Radcliffe, 1894.                                                   |                                             |
| † JOSEPH S. WHEELWRIGHT . . . . .                                        | <i>Physiology</i>                           |
| A.B., Yale, 1897; M.D., Cornell, 1900.                                   |                                             |
| ALLEN O. WHIPPLE . . . . .                                               | <i>Surgery</i>                              |
| B.S., Princeton, 1904; M.D., Columbia, 1908.                             |                                             |
| *(48)                                                                    |                                             |

## INSTRUCTORS

[S. A. T. C. = STUDENTS' ARMY TRAINING CORPS]

|                                                         |                                |
|---------------------------------------------------------|--------------------------------|
| PHINEAS H. ADAMS . . . . .                              | <i>Medicine</i>                |
| M.D., Columbia, 1909.                                   |                                |
| L. HERBERT ALEXANDER . . . . .                          | <i>French</i>                  |
| A.B., Toronto, 1883; A.M., 1885; Ph.D., Columbia, 1911. |                                |
| GEORGE M. ALLEN . . . . .                               | <i>Graphics</i>                |
| B.Arch., Columbia, 1914.                                |                                |
| WALTER P. ANDERTON . . . . .                            | <i>Medicine</i>                |
| A.B., Harvard, 1908; M.D., Columbia, 1911.              |                                |
| LEON ARDZROONI . . . . .                                | <i>Economics (S. A. T. C.)</i> |
| A. B. Stanford, 1909; A. M., 1910.                      |                                |
| [Term expired, December 31, 1918.]                      |                                |
| ALEXANDER M. ARNETT . . . . .                           | <i>History</i>                 |
| A.B., Mercer, 1908; A.M., Columbia, 1915.               |                                |
| LOUIS S. ARONSON . . . . .                              | <i>Neurology</i>               |
| M.D., Columbia, 1904.                                   |                                |
| DANA W. ATCHLEY . . . . .                               | <i>Clinical Pathology</i>      |
| S.B., Chicago, 1911; M.D., Johns Hopkins, 1915.         |                                |

† Absent on leave for national service.

\* Including those absent on leave for national service.

- DANIEL R. AYRES . . . . . *Gynecology*  
A.B., Harvard, 1905; M.D., Columbia, 1909.
- JAMES W. BABCOCK . . . . . *Laryngology and Otology*  
Litt.B., Rutgers, 1909; A.M., 1915; M.D., Columbia, 1913.
- MURRAY H. BASS . . . . . *Diseases of Children*  
A.B., Columbia, 1903; M.D., 1907.
- H. EVERETT BEISER . . . . . *Operative Dentistry*  
D.D.S., New York College of Dentistry, 1914.
- WILLIAM F. BENDER . . . . . *Physiology*  
M.D., Columbia, 1913.
- GEORGE E. BENNETT . . . . . *Accounting (S. A. T. C.)*  
A.B., Wisconsin, 1912; LL.B., Chicago, 1915; LL.M., 1917.  
[Term expired December 31, 1918.]
- GOTTLIEB A. BETZ . . . . . *German (S. A. T. C.)*  
A.B., Rochester, 1901; A.M., Pennsylvania, 1911; Ph.D., 1913.  
[Term expired December 31, 1918.]
- † FRANK WARNER BISHOP . . . . . *Physiology and Medicine*  
B.S., Columbia, 1910; M.D., 1912.
- HUGH B. BLACKWELL . . . . . *Clinical Laryngology and Otology*  
M.D., Virginia, 1901.
- † RALPH H. BLANCHARD . . . . . *Insurance*  
A.B., Dartmouth, 1911; A.M., 1912; Ph.D., Pennsylvania, 1916.
- RALPH S. BOOTS . . . . . *Politics*  
A.B., Grove City, 1911; A.M., Columbia, 1916; Ph.D., 1917.
- J. FLOYD BOWMAN . . . . . *Clinical Laryngology and Otology*  
A.B., Columbia, 1900; M.D., 1904.
- DOROTHY BREWSTER . . . . . *English*  
A.B., Columbia, 1906; A.M., 1907; Ph.D., 1913.
- MARGARET BURNS . . . . . *Physical Education*
- BERTRAM T. BUTLER . . . . . *Topography (S. A. T. C.)*  
Ph.B., Hamline, 1901; A.M., Columbia, 1908.  
[Term expired December 31, 1918.]
- DEVER SMITH BYARD . . . . . *Clinical Diseases of Children*  
M.D., New York University, 1895.
- WALLACE E. CALDWELL . . . . . *History*  
A.B., Cornell, 1910.
- ABERNETHY B. CANNON . . . . . *Dermatology and Syphilology*  
M.D., Tulane, 1913.
- GASTON A. CARLUCCI . . . . . *Anatomy and Surgery*  
M.D., Columbia, 1908.
- HARRY J. CARMAN . . . . . *History*  
Ph.B., Syracuse, 1909; M.A., 1914; Pd.B., 1914.
- CHARLES E. CARR . . . . . *Medicine*  
A.B., Indiana, 1905; M.D., Columbia, 1913.

† Absent on leave for national service.

- DONALD L. CLARK . . . . . *English*  
A.B., De Pauw, 1911; A.M., Columbia, 1912.
- ORAL S. COAD . . . . . *English*  
A.B., Knox, 1909; A.M., Columbia, 1911; Ph.D., 1917.
- ARTHUR P. COLL . . . . . , *Laryngology and Otology*  
M.D., Columbia, 1890.
- ROY J. COLONY . . . . . *Geology*  
B.Chem., Cooper Union, 1905.
- CARLOS CONTRERAS . . . . . *French (S. A. T. C.)*  
[Term expired December 31, 1918.]
- † WILLIAM F. COOLEY . . . . . *Philosophy*  
B.S., New York University, 1878; M.S., 1892; B.D., Union Theological Seminary, 1907;  
Ph.D., Columbia, 1909.
- ROBERT T. CORRY . . . . . *Anatomy*  
M.D., Columbia, 1913.
- PIERRE DE BACOURT . . . . . *French*  
B.A., Lyons, 1886; B.S., 1887; B.L., Paris, 1892; Licencié en Droit, Nancy, 1893.
- ROY F. DIBBLE . . . . . *English*  
A.B., Clark, 1912.
- OSCAR DIEM . . . . . *Ophthalmology*  
M.D., Zurich, 1902.
- BERNARD O. DODGE . . . . . *Botany*  
Ph.B., Wisconsin, 1909; Ph.D., Columbia, 1912.
- † JAMES L. DOHR . . . . . *Accounting*  
A.B., Wisconsin, 1914; M.S., Columbia, 1917.
- JESSE J. DOUGLAS . . . . . *Mathematics (S. A. T. C.)*  
B.S., College of the City of New York, 1916.  
[Resigned November 1, 1918.]
- IRWIN W. DRIEHAUS . . . . . *Physics (S. A. T. C.)*  
B.S., Cincinnati, 1900; A.M., Columbia, 1905.  
[Term expired December 31, 1918.]
- EUGENE A. DUPIN . . . . . *Surgery*  
Phar.D., Columbia, 1904; M.D., Columbia, 1910.
- SEWARD ERDMAN . . . . . *Clinical Surgery*  
A.B., Princeton, 1897; M.D., Columbia, 1902.
- HAROLD A. FALES . . . . . *Chemistry*  
B.S., Brooklyn Polytechnic, 1911; A.M., Columbia, 1914; Ph.D., 1916.
- BENJAMIN P. FARRELL . . . . . *Orthopedic Surgery*  
M.D., Long Island College Hospital.
- LEON FERARU . . . . . *French (S. A. T. C.)*  
Licencié en Droit, Montpellier, France, 1911.  
[Term expired December 31, 1918.]
- LEE H. FERGUSON . . . . . *Medicine*  
B.S., Ohio Wesleyan, 1913; M.D., Columbia, 1917.

† Absent on leave for national service.



- WILLIAM FERGUSON . . . . . *Clinical Laryngology and Otology*  
M.D., McGill, 1894.
- CHARLES A. FISCHER . . . . . *Mathematics*  
A.B., Wheaton, 1905; A.M., Illinois, 1910; Ph.D., Chicago, 1912.
- HARRY L. FISHER . . . . . *Organic Chemistry*  
A.B., Williams, 1909; A.M., Columbia, 1910; Ph.D., 1912.
- PALUEL J. FLAGG . . . . . *Surgery*  
M.D., Fordham, 1909.
- DIXON R. FOX . . . . . *History*  
A.B., Columbia, 1911; A.M., 1912; Ph.D., 1917.
- ALPHEUS FREEMAN . . . . . *Medicine*  
M.D., Columbia, 1882.
- JESSE J. GALLOWAY . . . . . *Palaeontology*  
A.B., Indiana, 1909; A.M., 1911; Ph.D., 1913.
- GEORGE W. GARDNER . . . . . *Prosthetic Dentistry*  
D.D.S., Buffalo, 1903.
- GRACE H. GOODALE . . . . . *Classical Philology*  
A.B., Columbia, 1899; A.M., 1916.
- ABRAHAM L. GOODMAN . . . . . *Clinical Diseases of Children*  
Ph.G., New York College of Pharmacy, 1891; M.D., Columbia, 1895.
- CLIFFORD S. GOODMAN . . . . . *Gynecology*  
[Resigned October 1, 1918.]
- DONALD GORDON . . . . . *Surgery*  
M.D., Columbia, 1906.
- ADOLPH GRANET . . . . . *Medicine*
- ELMER D. GRAPER . . . . . *Politics*  
A.B., Northwestern College, 1911; A.M., Columbia, 1911.
- F. WALTER GRAVELLE . . . . . *Anatomy (also Assistant in Surgery)*  
M.D., Queen's, 1911.
- NATHAN W. GREEN . . . . . *Surgery*  
A.B., Yale, 1894; A.M. and M.D., Columbia, 1898.
- LUCY GREGORY . . . . . *Romance Languages and Literatures*  
A.B., Radcliffe, 1916; A.M., Columbia, 1918.
- PAUL C. HAESELER . . . . . *Chemistry*  
S.B., Chicago, 1911.
- GEORGIA HAFFNER . . . . . *Economics*  
A.B., Stanford, 1916; A.M., 1917.
- ROBERT L. HALE . . . . . *Economics*  
A.B., Harvard, 1906; A.M., 1907; LL.B., 1909; Ph.D., Columbia, 1918.
- WILLIAM HALLER . . . . . *English*  
A.B., Amherst, 1908; A.M., Columbia, 1911; Ph.D., 1916.
- JOHN MUNN HANFORD . . . . . *Surgery*  
M.D., Bellevue Hospital Medical College, 1909; A.B., Williams, 1915.
- WARREN HILDRETH . . . . . *Gynecology and Obstetrics*  
A.B., Princeton, 1906; M.D., Columbia, 1910.

- LEWIS D. HILL . . . . . *Physics (S. A. T. C.)*  
A.B., Harvard, 1894; A.M., 1896.  
[Term expired December 31, 1918.]
- JOHN R. HOBBIE, JR. . . . . *Physics (S. A. T. C.)*  
S.B., Harvard, 1912; A.M., 1914.  
[Term expired December 31, 1918.]
- CLARE M. HOWARD . . . . . *English*  
A. B., Columbia, 1903; A. M., 1904; Ph. D., 1914.
- HUBERT S. HOWE . . . . . *Neurology*  
A.B., Denver, 1908; M.D., Columbia, 1912.
- RANDAL HOYT . . . . . *Neurology*  
B.S., Princeton, 1905; M.D., Columbia, 1910.
- FLORENCE HULTON-FRANKEL . . . . . *Bacteriology*  
B.S., Pennsylvania, 1907; M.S., 1914; Ph.D., 1916.
- JOSEPH A. HYAMS . . . . . *Urology*  
M.D., Columbia, 1905.
- <sup>2</sup> LOUIS IMBERT . . . . . *Spanish*  
A.B., Missouri, 1906; A.M., 1907.
- ELIZABETH C. JAGLE . . . . . *Neurology*  
M.D., Cornell, 1902.
- EDMUND R. P. JANVRIN . . . . . *Medicine*  
A.B., Princeton, 1905; M.D., Columbia, 1909.
- D. STUART DODGE JESSUP . . . . . *Clinical Pathology*  
A.B., Princeton, 1891; A.M., 1894; M.D., Columbia, 1894.
- GEORGE H. JOHN, JR. . . . . *Mechanical Engineering*  
M.E., Columbia, 1917.
- WILLIAM C. JOHNSON . . . . . *Pathology*  
A.B., Williams, 1905; M.D., Columbia, 1909.
- RICHARD F. JONES . . . . . *English*  
A.B., Texas, 1907; A.M., Columbia, 1910; Ph.D., 1918.
- MAXWELL KARSHAN . . . . . *Biological Chemistry*  
B.S., College of the City of New York, 1917.
- FREDERICK R. KELLER . . . . . *Electrical Engineering*  
E.E., Columbia, 1911.
- † EDWARD T. KENNEDY . . . . . *Physical Education*
- JOHN D. KERNAN, JR. . . . . *Laryngology and Otology and Anatomy*  
A.B., Harvard, 1900; M.D., Columbia, 1903.
- ROY B. KESTER, A.M. . . . . *Accounting*  
A.B., Missouri Wesleyan, 1902; B.C.S., Denver, 1911; A.M., 1912.
- SAMUEL J. KIEHL . . . . . *Chemistry*  
A.B., Otterbein, 1910.
- ROLFE KINGSLEY . . . . . *Urology*  
Ph.B., Yale, 1902; M.D., Columbia, 1906.

<sup>2</sup> Absent on leave to January 1.

† Absent on leave for national service.

- THOMAS B. KIRKPATRICK . . . . . *Hygiene (S. A. T. C.)*  
B.S., Columbia, 1910; A.M., 1911.  
[Term expired December 31, 1918.]
- E. WILLIS KOBLER . . . . . *Clinical Laryngology and Otology*  
M.D., Columbia, 1906.
- KARL KULLMANN . . . . . *Chemistry*
- KENNETH W. LAMSON . . . . . *Mathematics*  
A.B., Harvard, 1906; Ph.D., Chicago, 1917.
- GRACE LANGFORD . . . . . *Physics*  
S.B., Mass. Inst. of Tech., 1900.
- BIRD LARSON . . . . . *Physical Education*  
B.S., Columbia, 1914.
- MINOR W. LATHAM . . . . . *English*  
A.B., Mississippi State College for Women, 1901; A.M., Columbia, 1912.
- JOSEPH LAUBER . . . . . *Drawing (S. A. T. C.)*  
M.E., Columbia, 1915.  
[Term expired December 31, 1918.]
- SYLVESTER R. LEAHY . . . . . *Neurology*  
M.D., Yale, 1905.
- OTTO H. LEBER . . . . . *Physiology*  
A.B., Columbia, 1904; M.D., 1908.
- ALMA DE L. LE DUC . . . . . *French*  
Ph.B., Chicago, 1899; A.M., Columbia, 1909; Ph.D., 1916.
- EDWARD M. LEHNERTS . . . . . *Topography (S. A. T. C.)*  
[Term expired December 31, 1918.]
- JOHN LESHURE . . . . . *Laryngology and Otology*  
A.B., College of the City of New York, 1894; M.D., Columbia, 1898.
- ARMIN K. LOBECK . . . . . *Topography (S. A. T. C.)*  
A.B., Columbia, 1911; A.M., 1913; Ph.D., 1917.  
[Term expired December 31, 1918.]
- KARL J. LOEWI . . . . . *Surgery and Anatomy*  
M.D., Vienna, 1904.
- Mrs. FLORENCE DE L. LOWTHER . . . . . *Zoology*  
A.B., Columbia, 1912; A.M., 1915.
- JOHN B. LYNCH . . . . . *Ophthalmology*  
M.D., New York University, 1886.
- JOHN H. H. LYON . . . . . *English*
- CHARLES A. MCKENDREE . . . . . *Neurology*  
M.D., Dartmouth, 1910.
- JOHN E. MCWHORTER . . . . . *Surgery*  
M.D., Columbia, 1898.
- † JAMES S. MACGREGOR . . . . . *Civil Engineering*  
B.S., Mass. Inst. of Tech., 1902; M.S., 1904.
- † ARTHUR W. MACMAHON . . . . . *Politics*  
A.B., Columbia, 1912; A.M., 1913.
- † Absent on leave for national service.

- HAROLD E. MANTZ . . . . . *Romance Languages*  
A.B., Michigan, 1910; Ph.D., Columbia, 1917.
- † FRANK L. MASON . . . . . *Electrical Engineering*  
E.E., Columbia, 1909.
- HOWARD H. MASON . . . . . *Diseases of Children*  
A.B., Brown, 1900; M.D., Columbia, 1904.
- GILBERT W. MEAD . . . . . *English*  
A.B., Allegheny, 1911; A.M., Columbia, 1916.
- MORRIS MEISTER . . . . . *Physics (S. A. T. C.)*  
B.S., College of the City of New York, 1916; A.M., Columbia, 1917.  
[Term expired December 31, 1918.]
- CARL J. MERNER . . . . . *Physical Education*
- WILLIAM S. MESSER . . . . . *Classical Philology*  
A.B., Columbia, 1905; A.M., 1909; Ph.D., 1918.
- ALFRED MICHAELIS . . . . . *Laryngology and Otology*  
A.B., College of the City of New York, 1894; M.D., Columbia, 1898.
- NINA R. MILLER . . . . . *Accounting*  
A.B., Wisconsin, 1915; M.S., Columbia, 1918.
- HYMEN R. MILLER . . . . . *Bacteriology (also Assistant in Clinical Medicine)*  
B.S., Columbia, 1908; M.D., 1911.
- FREDERICK E. MONTGOMERY . . . . . *Surgery*  
M.D., George Washington University, 1904.
- CHARLES C. MOOK . . . . . *Geology*  
B.S., Columbia, 1912; A.M., 1914; Ph.D., 1915.
- ROBERT J. MOORE . . . . . *Chemistry*
- WILLIAM E. MORGAN . . . . . *Chemistry*  
A.B., Syracuse, 1915.
- WILLIAM T. MORGAN . . . . . *History*  
Ph.B., Ohio, 1909; A.M., Harvard, 1910; Ph.D., Yale, 1916.
- DUDLEY H. MORRIS . . . . . *Surgery (also Assistant in Cancer Research)*  
A.B., Columbia, 1905; M.D., 1909.
- FREDERICK K. MORRIS . . . . . *Geology*  
B.S., College of the City of New York, 1904; A.M., Columbia, 1910.
- HERMANN J. MULLER . . . . . *Zoology*  
A.B., Columbia, 1910; A.M., 1911.
- GLEN H. MULLIN . . . . . *English*  
A.B., Illinois, 1907; A.M., Columbia, 1917.
- GEORGE W. MULLINS . . . . . *Mathematics*  
A.B., Arkansas, 1904; A.M., Columbia, 1913; Ph.D., 1917.
- MORRIS GROSSMAN . . . . . *Neurology*  
M.D., Fordham, 1909.
- NATHANIEL R. NORTON . . . . . *Diseases of Children*  
Ph.B., Yale, 1891; M.D., Columbia, 1894.

† Absent on leave for national service.

- CHARLES OSGOOD . . . . . *Laryngology and Otology*  
M.D., Columbia, 1903.
- REUBEN OTTENBERG . . . . . *Bacteriology*  
A.B., Columbia, 1902; M.D., 1905.
- † ROBERTS B. OWEN . . . . . *Philosophy*  
A.B., Chicago, 1910; Ph.D., 1914.
- HELEN H. PARKHURST . . . . . *Philosophy*  
A.B., Bryn Mawr, 1911; A.M., 1913; Ph.D., 1917.
- EVERETT H. PARKER . . . . . *Topography (S. A. T. C.)*  
B.S., Dartmouth, 1916.  
[Term expired December 31, 1918.]
- C. PERRY PATTERSON . . . . . *History*  
A.B., Vanderbilt, 1911; A.M., 1911; A.M., Harvard, 1916.
- JOSEPH L. PERRIER . . . . . *French (S. A. T. C.)*  
A.M., College of St. Francis Xavier, 1905; A.M., Columbia, 1906; Ph.D., 1909.  
[Term expired December 31, 1918.]
- † ALBERT T. POFFENBERGER, JR. . . . . *Psychology*  
A.B., Bucknell, 1909; A.M., Columbia, 1910; Ph.D., 1912.
- STUART M. POLSON . . . . . *Bacteriology*  
A.M., Queen's, 1905; M.D., 1910.
- EDWARD L. PRATT . . . . . *Laryngology and Otology*  
A.B., Yale, 1907; M.D., Columbia, 1911.
- CHARLES I. PROBEN . . . . . *Gynecology*  
Ph.G., College of Pharmacy, 1883; M.D., Columbia, 1890.
- JOHN HERMAN RANDALL, JR. . . . . *English (S. A. T. C.)*  
A.B., Columbia, 1918.  
[Term expired December 31, 1918.]
- Mrs. GRACE POTTER RICE . . . . . *Chemistry*  
A.B., Smith, 1904; A.M., Columbia, 1905; Ph.D., Bryn Mawr, 1910.
- ISADORE ROSEN . . . . . *Syphilis*  
M.D., Columbia, 1903.
- ELBERT T. RULISON, JR. . . . . *Surgery*  
B.S., Union, 1904; M.D., Cornell, 1909.  
[Resigned December 31, 1918.]
- HERBERT RUCKES . . . . . *Hygiene (S. A. T. C.)*  
B.S. and A.M., Cornell, 1917.  
[Term expired December 31, 1918.]
- HESTER M. RUSK . . . . . *Botany*  
A.B., Columbia, 1912; A.M., 1917.
- ZACHARY SAGAL . . . . . *Clinical Pathology*  
Ph.G., Brooklyn College of Pharmacy; M.D., New York University; M.D., Bellevue Hospital Medical College.  
[Resigned February 1, 1919.]
- JESSE F. SAMMIS . . . . . *Diseases of Children*  
A.B., Princeton, 1902; M.D., Columbia, 1906.
- † Absent on leave for national service.



- JAMES F. SANBORN . . . . . *Topography (S. A. T. C.)*  
 B.S., Harvard, 1899.  
 [Term expired December 31, 1918.]
- IRVING J. SANDS . . . . . *Psychiatry*  
 M.D., Columbia, 1913.  
 [Resigned October 1, 1918.]
- WINFIELD S. SCHLEY, JR. . . . . *Surgery*  
 A.B., St. John's (Md.), 1893; A.M., 1916; M.D., Columbia, 1896.
- OSCAR M. SCHLOSS . . . . . *Diseases of Children*  
 M.D., Johns Hopkins, 1905.
- † HERBERT W. SCHNEIDER . . . . . *Philosophy*  
 A.B., Columbia, 1915; Ph.D., 1917.
- MARK J. SCHOENBERG . . . . . *Ophthalmology*  
 M.D., Bucharest, 1899.
- FREDERICK W. SCHOLZ . . . . . *German*  
 A.B., Columbia, 1911; A.M., 1912.
- WILLARD L. SEVERINGHAUS . . . . . *Physics*  
 A.B., German Wallace College, 1904; A.M., 1905; Ph.D., Columbia, 1914.
- LEANDER H. SHEARER . . . . . *Medicine*  
 A.B., Princeton, 1897; M.D., Columbia, 1901.
- † HERBERT N. SHENTON . . . . . *Sociology*  
 Ph.B., Dickinson, 1906; A.M., 1909; B.D., Drew Theological Seminary, 1910.
- MAURICE J. SITTENFIELD . . . . . *Pathology*  
 M.D., Bellevue Hospital Medical College, 1898.
- WALDEMAR M. STEMPEL . . . . . *Physics (S. A. T. C.)*  
 B.S., Indiana, 1905; M.S., Illinois, 1906.  
 [Term expired December 31, 1918.]
- MAXIMILIAN STERN . . . . . *Urology*  
 M.D., Columbia, 1900.
- ARCHIBALD McI. STRONG . . . . . *Medicine*  
 A.B., Princeton, 1904; M.D., Columbia, 1908.
- LEONELL C. STRONG . . . . . *Hygiene (S. A. T. C.)*  
 B.S., Allegheny, 1917.  
 [Term expired December 31, 1918.]
- ETHEL STURTEVANT . . . . . *English*  
 A.B., Wellesley, 1906; A.M., Columbia, 1914.
- JOHN A. SWENSON . . . . . *Mathematics (S. A. T. C.)*  
 A.B., Columbia, 1903.  
 [Term expired December 31, 1918.]
- SAMUEL SWIFT . . . . . *Obstetrics and Gynecology*  
 A.B., Yale, 1908; M.D., Columbia, 1913.
- RALPH E. TAYLOR . . . . . *Anatomy*  
 A.B., Yale, 1911; M.D., 1913.
- † RUPERT TAYLOR . . . . . *English*  
 A.B., Arkansas, 1903; A.M., 1906; Ph.D., Columbia, 1911.
- † Absent on leave for national service.

- † ARTHUR W. S. THOMAS . . . . . *Food Chemistry*  
Chemist, Columbia, 1912; A.M., 1914; Ph.D., 1915.
- GILBERT TOLMAN . . . . . *Physics (S. A. T. C.)*  
B.M.E., Maine, 1896; A.M., Columbia, 1901.  
[Term expired December 31, 1918.]
- Lt. H. LEDYARD TOWLE . . . . . *Camouflage (S. A. T. C.)*  
[Term expired December 31, 1918.]
- ROYAL C. VAN ETTEEN . . . . . *Gynecology*  
A.B., Amherst, 1906; M.D., Columbia, 1910.
- CLARENCE T. VAN WOERT . . . . . *Dentistry*  
D.D.S., Buffalo, 1905.
- JOHN A. VIETOR . . . . . *Anatomy and Surgery*  
A.B., Yale, 1907; M.D., Columbia, 1911.
- PETER T. WARD . . . . . *English (S. A. T. C.)*  
A.B., Columbia, 1917.  
[Term expired December 31, 1918.]
- AGNES R. WAYMAN . . . . . *Physical Education*  
A.B., Chicago, 1903.
- RAYMOND M. WEAVER . . . . . *English*  
B.S., Columbia, 1910; A.M., 1917.
- ISRAEL S. WECHSLER . . . . . *Neurology*  
M.D., Bellevue Hospital Medical College, 1907.
- GERALD WEEMAN . . . . . *Physical Education*
- HENRY L. WEIL . . . . . *Medicine*  
M.D., New York Homeopathic Medical College, 1915.
- MORRIS F. WEINRICH . . . . . *Physics*  
Mech.E., Columbia, 1904; A.M., 1907; Ph.D., 1909.
- EDGAR W. WHITE . . . . . *Clinical Medicine*  
B.S., Michigan, 1912; M.D., Columbia, 1914.
- JAMES W. WHITE . . . . . *Ophthalmology*  
M.D., Albany Medical College, 1905.
- ALFRED R. WHITMAN . . . . . *Topography (S. A. T. C.)*  
B.S., California, 1911; M.S., 1913.  
[Term expired December 31, 1918.]
- HERBERT B. WILCOX . . . . . *Diseases of Children*  
A.B., Yale, 1898; M.D., Columbia, 1902.
- GERALD T. WILKINSON . . . . . *French*  
A.B., Wabash, 1911; A.M., Harvard, 1912.
- FRED WISE . . . . . *Dermatology and Syphilology*  
M.D., Columbia, 1904.
- ISAAC O. WOODRUFF . . . . . *Medicine*  
A.B., College of the City of New York, 1900; M.D., Columbia, 1904.
- ALPHONSE A. WREN . . . . . *Urology*

† Absent on leave for national service.

|                                              |                            |
|----------------------------------------------|----------------------------|
| FRANK C. YEOMANS . . . . .                   | <i>Surgery</i>             |
| A.B., Yale, 1897; M.D., Cornell, 1900.       |                            |
| FRANK A. ZASTROW . . . . .                   | <i>Operative Dentistry</i> |
| D.D.S., Michigan, 1916                       |                            |
| THEODORE F. ZUCKER . . . . .                 | <i>Pathology</i>           |
| A.B., Concordia, 1907; M.S., Illinois, 1912. |                            |
| * § (197)                                    |                            |

## LECTURERS

|                                              |                                                       |
|----------------------------------------------|-------------------------------------------------------|
| EMILIO AGRAMONTE, JR., C.E., LL.B. . . . .   | <i>Spanish</i>                                        |
| <sup>1</sup> FREDERICK BARRY, Ph.D. . . . .  | <i>History of Science</i>                             |
| Mrs. EDNA HENRY BENNETT, A.B. . . . .        | <i>Zoology</i>                                        |
| CHARLES F. BOLDUAN, M.D. . . . .             | <i>Hygiene and Preventive Medicine</i>                |
| LAURA C. BRANT, A.M. . . . .                 | <i>Physics</i>                                        |
| Rev. Father CORNELIUS CLIFFORD, A.B. . . . . | <i>Philosophy</i>                                     |
| KATHARINE M. COOPER, B.S. . . . .            | <i>Physical Education</i>                             |
| HARRY T. COSTELLO, Ph.D. . . . .             | <i>Philosophy</i>                                     |
| FLOYD M. CRANDALL, M.D. . . . .              | <i>Medical Ethics</i>                                 |
| CLARKE E. DAVIS, Ph.D. . . . .               | <i>Chemical Engineering</i>                           |
| Mrs. ESTELLE H. DAVIS . . . . .              | <i>English</i>                                        |
| IRWIN EDMAN, Ph.D. . . . .                   | <i>Philosophy</i>                                     |
| C. EVANGELINE FARNHAM, A.M. . . . .          | <i>Romance Languages</i>                              |
| HORATIO K. GARNIER, Ph.D. . . . .            | <i>Philosophy</i>                                     |
| [Term expired February 1, 1919.]             |                                                       |
| HELENA GEER, A.M. . . . .                    | <i>German</i>                                         |
| ALEXANDER GOLDENWEISER, Ph.D. . . . .        | <i>Anthropology</i>                                   |
| PLINY E. GODDARD, Ph.D. . . . .              | <i>Anthropology</i>                                   |
| PHILIP K. HITTI, Ph.D. . . . .               | <i>Semitic Languages (Gustav Gottheil Foundation)</i> |
| FLORRIE HOLZWASSER, A.M. . . . .             | <i>Geology</i>                                        |
| GUY R. HUBBART, A.B. . . . .                 | <i>Advertising and Salesmanship</i>                   |
| EMILIE J. HUTCHINSON . . . . .               | <i>Economics</i>                                      |
| Mrs. CHRISTINE LADD-FRANKLIN, LL.D. . . . .  | <i>Psychology</i>                                     |
| † ROY S. MACELWEE, Ph.D. . . . .             | <i>Economics and Foreign Trade</i>                    |
| † CLARENCE A. MANNING, Ph.D. . . . .         | <i>Slavonic Languages</i>                             |
| HENRY F. MUNRO . . . . .                     | <i>International Law</i>                              |
| CHARLES J. OGDEN, Ph.D. . . . .              | <i>Indo-Iranian Languages</i>                         |
| [Term expired February 1, 1919.]             |                                                       |
| WILLIS ALLEN PARKER . . . . .                | <i>Philosophy</i>                                     |
| EMIL L. POST, B.S. . . . .                   | <i>Mathematics</i>                                    |
| BLANCHE PRENEZ . . . . .                     | <i>French</i>                                         |
| HUGH W. PUCKETT, Ph.D. . . . .               | <i>Germanic Languages and Literatures</i>             |
| Mrs. MARION E. RICHARDS, A.M. . . . .        | <i>Botany</i>                                         |
| † JOSEPH F. RITT, Ph.D. . . . .              | <i>Mathematics</i>                                    |
| OSCAR H. ROGERS, M.D. . . . .                | <i>Life Insurance Examination</i>                     |

<sup>1</sup> Absent on leave 1918-1919.

\* Including those absent on leave for national service.

§ Including Instructors in Students' Army Training Corps. † Absent on leave for national service.

|                                             |                            |
|---------------------------------------------|----------------------------|
| CLAUDE E. SCATTERGOOD, M.Sc., LL.B. . . . . | <i>Business Statistics</i> |
| LUCIA H. SMITH, A.B. . . . .                | <i>Chemistry</i>           |
| LORLE I. STECHER, Ph.D. . . . .             | <i>Psychology</i>          |
| EMORY C. UNNEWEHR, B.S. . . . .             | <i>Physics</i>             |
| FREDERICK A. VANDERBURGH, Ph.D. . . . .     | <i>Semitic Languages</i>   |
| ABRAHAM YOHANNAN, Ph.D. . . . .             | <i>Oriental Languages</i>  |

\*(37)

## CURATORS

|                               |                                                   |
|-------------------------------|---------------------------------------------------|
| RICHARD F. BACH, A.B. . . . . | <i>Architecture</i>                               |
| RALPH W. TOWER, Ph.D. . . . . | <i>Natural Science Collections in the Library</i> |

(2)

## ASSISTANTS

|                                       |                              |
|---------------------------------------|------------------------------|
| MABEL E. BALDWIN, A.M. . . . .        | <i>Chemistry</i>             |
| WILLIAM B. BOYD, M.D. . . . .         | <i>Medicine</i>              |
| DAVID M. BROWN, M.D. . . . .          | <i>Medicine</i>              |
| STEPHEN P. BURKE, B.S. . . . .        | <i>Chemistry</i>             |
| CORNELIA L. CAREY . . . . .           | <i>Botany</i>                |
| F. EDITH CAROTHERS, A.M. . . . .      | <i>Psychology</i>            |
| JAMES A. CLARKE, JR., M.D. . . . .    | <i>Medicine</i>              |
| HELEN C. COOMBS, Ph.D. . . . .        | <i>Physiology (Research)</i> |
| JAMES E. CRITES, JR., B.S. . . . .    | <i>Physics</i>               |
| SAMUEL C. DELLINGER, A.B. . . . .     | <i>Zoology</i>               |
| MARY L. ELY, A.B. . . . .             | <i>History</i>               |
| E. EPSTEIN, M.D. . . . .              | <i>Medicine</i>              |
| DAVID FELBERBAUM, M.D. . . . .        | <i>Clinical Medicine</i>     |
| LIZETTE A. FISHER, Ph.D. . . . .      | <i>English (Research)</i>    |
| JEKUTHIAL GINSBURG, A.M. . . . .      | <i>Mathematics</i>           |
| SAMUEL GITLOW, M.D. . . . .           | <i>Biological Chemistry</i>  |
| MAXIMILIAN W. GOLDSTEIN, M.D. . . . . | <i>Clinical Medicine</i>     |
| MARY R. M. GRIFFITHS, A.B. . . . .    | <i>History</i>               |
| JAMES B. HALLAM, M.D. . . . .         | <i>Anatomy</i>               |
| B. WALLACE HAMILTON, M.D. . . . .     | <i>Diseases of Children</i>  |
| EVERETT M. HAWKS, M.D. . . . .        | <i>Surgery</i>               |
| ADOLPH F. HERRMANN, M.D. . . . .      | <i>Surgery</i>               |
| [Resigned December 31, 1918.]         |                              |
| CALM M. HOKE, A. M. . . . .           | <i>Chemistry</i>             |
| WILLIAM S. S. HORTON, M.D. . . . .    | <i>Surgery</i>               |
| ALFRED F. HUETTNER, A.M. . . . .      | <i>Zoology</i>               |
| MARY LELAND HUNT, Ph.D. . . . .       | <i>English (Research)</i>    |
| VICTOR I. ISAACSON, A.M. . . . .      | <i>Biological Chemistry</i>  |
| SHIGEMITSU ITAMI, M.D. . . . .        | <i>Cancer Research</i>       |
| NORMA E. JOHANN, A.M. . . . .         | <i>Chemistry</i>             |
| MAURICE KEMP, M.D. . . . .            | <i>Diseases of Children</i>  |
| HEDWIG A. KOENIG, A.B. . . . .        | <i>Chemistry</i>             |

\*Including those absent on leave for national service.

## OFFICERS OF INSTRUCTION

|                                          |                               |
|------------------------------------------|-------------------------------|
| FRANCES KRASNOW, A.M. . . . .            | Bacteriology                  |
| WILLIAM J. KREFELD, C.E. . . . .         | Civil Engineering             |
| VICTOR K. LAMER . . . . .                | Chemistry                     |
| Mrs. ISABEL F. LEAVENWORTH, A.B. . . . . | Philosophy                    |
| JEROME S. LEOPOLD, M.D. . . . .          | Clinical Diseases of Children |
| EMILY LEWI, M.D. . . . .                 | Medicine                      |
| PHILIP J. LIPSETT, M.D. . . . .          | Surgery                       |
| STAFFORD MCLEAN, M.D. . . . .            | Diseases of Children          |
| WILLIAM J. MERSEREAU, M.D. . . . .       | Diseases of Children          |
| WILLIAM MORRIS, M.D. . . . .             | Clinical Pathology            |
| [Resigned September 1, 1918.]            |                               |
| LOUIS NEUWELT, M.D. . . . .              | Surgery                       |
| JOSE FERNANDEZ NONIDEZ, Sc.D. . . . .    | Zoology                       |
| FRANCES ORR, A.B. . . . .                | Physics                       |
| GUISEPPE PREVITALI, M.D. . . . .         | Diseases of Children          |
| MARK S. REUBEN, M.D. . . . .             | Diseases of Children          |
| ADOLPH J. SCHNEEWEISS, A.M. . . . .      | Philosophy                    |
| FRANZ SCHRADER . . . . .                 | Zoology                       |
| [Resigned February 1, 1919.]             |                               |
| LOUIS C. SCHROEDER, M.D. . . . .         | Diseases of Children          |
| LEWIS M. SILVER, M.D. . . . .            | Diseases of Children          |
| RUFUS E. STETSON, M.D. . . . .           | Diseases of Children          |
| GEORGINA I. STICKLAND, A.B. . . . .      | Psychology                    |
| THOMAS H. SWAN . . . . .                 | Chemistry                     |
| VALROSA V. VAIL, A.B. . . . .            | Zoology                       |
| FELICIU VEXLER, A.M. . . . .             | Slavonic Languages            |
| MABEL WEIL, A.B. . . . .                 | Physics                       |
| MARTHA L. WASHBURN, A.B. . . . .         | Chemistry                     |
| CHARLES WEISMAN, Ph.D. . . . .           | Biological Chemistry          |
| ALEXANDER H. WRIGHT, A.M. . . . .        | Chemistry                     |
| JEROME ZUCKERMAN, M.D. . . . .           | Diseases of Children          |

\* (57)

## CLINICAL ASSISTANTS

Officers of instruction holding appointments in addition to that of Clinical Assistant are not included in this list. A complete list of the Clinical Assistants in each subject will be found at the head of the appropriate Departmental Statement.

*Medicine.* DAVID M. BROWN, M.D., SAMUEL CANTOR, M.D., G. A. FRIEDMAN, M.D., SAMUEL GELLERT, M.D., B. GLASGOW, M.D., WALTER C. HURWITZ, M.D., JOHN L. KANTOR, M.D., ELIHU KATZ, M.D., M. D. MISLIG, M.D., HENRY A. RAFSKY, M.D., HENRY L. WEIL, M.D., A. GRANT, M.D., Z. SAGAL, M.D.

*Surgery.* EDWARD N. K. MEARS, M.D.

*Dental Surgery.* H. S. DUNNING, M.D., D.D.S., JAMES S. SHIELDS, D.D.S., MORRIS I. SCHAMBERG, M.D., D.D.S., DOUGLAS B. PARKER, Jr., M.D., D.D.S.

*Neurology.* LOUIS A. ARONSON, M.D., J. L. MACUMBER, M.D.

*Gynecology.* AUGUSTINE W. ROFF, M.D., B.F. ROLLER, M.D.

\*Including those absent on leave for national service.



*Ophthalmology.* ELLWOOD HARLOW, M.D., CHARLES REIGROD, M.D., MICHAEL ROSEBLUTH, M.D., JAMES S. UNGER, M.D., M. J. TIERNEY, M.D., R. KAHN, M.D., D. A. SWICK, M.D.

*Laryngology and Otology.* BENJAMIN FREUDENFALL, M.D., OTTO GLOGAU, M.D., L. GREENBERG, M.D., E. L. PRATT, M.D., S. KNOPF, M.D., ROY S. HINSDALE, M.D.

*Tuberculosis.* ARTHUR M. JACOBUS, M.D., MORRIS FRIEDMAN, M.D., DAVID SHAPIRO, M.D.

*Dermatology and Syphilology.* ELIAS W. ABRAMOWITZ, M.D., A. B. CANNON, M.D., JOHN R. FLANIGAN, M.D., WALTER J. HEIMANN, M.D., E. C. JAGLE, M.D., T. FRANCIS KELLY, M.D., JOHN REMER, M.D., ISIDORE ROSEN, M.D., D. L. SATENSTEIN, M.D., MAX SCHEER, M.D., T. F. KELLY, M.D., R. O. MILLER, M.D., L. MEYERS, M.D., S. J. LITTENBERG, M.D., W. SHEPHERD, M.D., L. BANOV, M.D.

*Diseases of Children.* MORRIS FRIEDSON, M.D., LYNN L. FULKERSON, M.D., ISIDORE MILLER, M.D., LOUIS D. MINSK, M.D., GEORGE A. SCHNEPEL, M.D., JACOB WASHTON, M.D.

*Urology.* A. STRACHSTEIN, M.D., A. A. WREN, M.D., J. A. HYAMS, M.D., M. STERN, M.D.

*Applied Therapeutics.* J. H. PARSEGAN, M.D., E. C. CHAMBERLIN, M.D.

## TEACHERS COLLEGE JUNIOR OFFICERS

*Professors.* JULIUS AUGUST BEWER, Ph.D., *Biblical Literature*; GEORGE ALBERT COE, Ph.D., *Religious Education*; HARRY FREDERICK WARD, A.M., *Christian Ethics*.

*Associates in Education.* WILLIAM EDWIN BRECKENRIDGE, A.M., *Mathematics*; MABEL CARNEY, B.S., *Rural Education*; E. S. EVENDEN, A.M., *Education*; ELBERT K. FRETWELL,<sup>3</sup> Ph.D., *Scouting and Recreational Leadership*; ISAAC L. KANDEL, Ph.D., *Education*; WILLIAM JACOB KRAFT, B.Mus., *Music*; THOMAS H. POWERS SAILER, Ph.D., *Education*; WARREN H. WILSON,<sup>3</sup> Ph.D., D.D., *Rural Education*.

*Instructors.* MATTHEW GRUENBERG BACH, A.M., *German and Spanish*; EMMA R. BAKER, *Household Arts*; LYDIA RAY BALDERSTON, A.M., *Household Arts*; LAURA IRENE BALDT, B.S., *Household Arts*; ANNA BARROWS, *Household Arts*; HARRIET THOMPSON BARTO, A.M., *Household Arts*; CLYDE A. BOWMAN,<sup>2</sup> B.S., *Industrial Arts*; GRACE LILLIAN BROWN, B.S., *Kindergarten Education*; AGNES BURKE, B.S., *Kindergarten Education*; CLARA FRANCES CHASELL, A.M., *Experimental Education*; ERICA CHRISTIANSON, B.S., *Household Arts Education*; GERTRUDE K. COLBY, *Physical Education*; ANNA COLMAN, A.B., B.S., *Household Arts*; ALICE E. CONWAY, B.S., *Household Arts*; ELIZABETH CHRISTINE COOK, Ph.D., *English*; MARGARET ZERBE-COWL, *Music*; DOROTHY CROUNSE, *Physical Education*; M. GRACE DASCHBACH, *Music*; GRACE ALICE DAY, B.S., *Elementary Education*; LUCIA W. DEMENT, *Fine Arts*; HELEN ELIZABETH DILLER,<sup>3</sup> A.M., *English*; PERMELIA M. DOTY, B.S., *Nursing and Health*; LILLIAN CURTIS DREW, *Physical Education*; FANNIE WYCHE DUNN, A.M., *Rural Education*; KATHARINE A. FISHER, B.S., *Household Arts*; ELSA L. FRAME, *Household Arts*; CHARLOTTE A. FRANCIS, A.M., *Chemistry*; ELBERT K. FRETWELL,<sup>3</sup> Ph.D., *Secondary Education*; HELEN FROST, B.S., *Physical Education*; CHARLOTTE GANO GARRISON, B.S., *Kindergarten Education*; ARTHUR I. GATES, Ph.D., *Educa-*

<sup>1</sup> On leave 1918-1919.

<sup>2</sup> On leave Winter Session.

<sup>3</sup> On leave Spring Session.

*tional Psychology*; FRED FOREMAN GOOD, A.M., *Physical Science*; LILIAN M. B. GUNN, *Household Arts*; HÉLÈNE J. HARVITT, Ph.D., *French*; HATTIE L. HEFT, Ph.D., *Physiological Chemistry*; JESSICA M. HILL, A.M., *English*; LETA STETTER HOLLINGWORTH, Ph.D., *Educational Psychology*; GEORGE T. HOLM, *Physical Education*; LILLIAN A. HUDSON, A.M., *Nursing and Health*; CHARLES W. HUNT, A.M., *Elementary Education*; FLORENCE LAGANKE, *Household Arts*; FELIX LAMOND, *Music*; HELEN LATHAM, *Music Education*; W. A. MCCALL, Ph.D., *Educational Psychology*; JANET ROWLAND MCCASTLINE, A.M., *Recorder, Physical Education*; NELLIE MCCOWN, *Household Arts Education*; ELLEN BEERS MCGOWAN, B.S., *Household Arts*; MAUD MARCH, *Physical Education*; JOSEPHINE A. MARSHALL, B.S., *Household Arts Education*; CHARLES J. MARTIN, *Fine Arts*; CHARLES HENRY MEEKER, *Fine Arts*; CAROLINE MEHAN, *Music*; ANNIE E. MOORE, A.M., *Elementary and Kindergarten Education*; LOIS COFFEY MOSSMAN, B.S., *Industrial Arts Education*; BELLE NORTHRUP, *Fine Arts*; SARAH S. ORMSBY, *Household Arts Education*; SARA LYMAN PATRICK, A.M., *Industrial Arts Education*; MARY HENLEY PEACOCK, Ph.B., *Household Arts*; MARY EVERETT RANKIN, B.S., *Kindergarten Education*; BERTHA E. SHAPLEIGH, *Household Arts*; C. F. SMITH, B.S., *Scouting and Recreational Leadership*; LYDIA SOUTHARD, A.B., *Household Arts*; EMMA R. SOUTHWORTH, A.B., *Household Arts*; CAROLINE E. STACKPOLE, A.M., *Biology*; CORNELIA H. STONE, A.B., *Household Arts*; EDGAR S. STOWELL, *Music*; LAVANIA TALLMAN, A.M., *Religious Education*; SALLIE B. TANNAHILL,<sup>2</sup> B.S., *Fine Arts*; EDWARD THATCHER, *Fine Arts*; EVELYN SMITH TOBEY, B.S., *Household Arts*; MARY E. TOWNSEND, A.M., *History*; CHARLES BABCOCK UPJOHN, *Fine Arts*; SADIE B. VANDERBILT, B.S., *Household Arts*; BESSIE SCOTT WHITE, *Household Arts*; RUTH WILMOT, *Household Arts*; BERNADINE MEYER YUNCK, *Physical Education*.

*Lecturers.* MARY L. ACKERMAN, *Fine Arts*; EVA ALLEN ALBERTI, A.M., *Physical Education*; S. JOSEPHINE BAKER, M.D., *Nursing and Health*; THATCHER CLARK, Ph.D., *French*; ELIZABETH E. FARRELL, B.S., *Educational Psychology*; EUGENE GIBNEY, *Physical Education*; ALFRED M. GITHENS, B.S., *Household Arts*; CLEMENT HEATON, *Fine Arts*; JOSEPHINE HEMENWAY KENYON,<sup>1</sup> A.M., M.D., *Nursing and Health*; HAROLD B. KEYES, M.D., *Physical Educational and Assistant Physicians*; CHARLES I. LAMBERT, M.D., *Nursing and Health*; EDWARD M. LEHNERTS, A.M., *Geography*; HORACE MORAN, *Fine Arts*; FRANK C. PANUSKA, B.S., *Drawing and Design*; EDWARD HARTMAN REISNER, Ph.D., *Education*; WILLIAM L. SOMERSET, M.D., *Nursing and Health*; HENRY W. THURSTON, A.B., *Nursing and Health*; CLARE TOWSLEY, *Nursing and Health*; LILLIAN D. WALD, LL.D., *Nursing and Health*; ELI W. WEAVER, *Vocational Education*; JOSEPHINE WIETHAN, *Music*; C.-E. A. WINSLOW, M.S., *Nursing and Health*; EMMA A. WINSLOW, A.M., *Household Arts*.

*Lecturers in Special and Extension Classes, and Special Instructors.* R. A. CAMPBELL, *Industrial Arts*; JAMES CHITTICK, *Textiles*; HELEN COLE, B.S., *Fine Arts*; ANNIE DIX, B.S., *Biology*; LINA EPPENDORFF, *Industrial Arts*; MARY EVANS, *Household Arts*; SUSAN JOHNSON, *Nursing and Health*; KATHARINE MURDOCH, A.M., *Psychology*; CHRISTINE WARNER NELSON, *Household Arts*; CLARENCE HUDSON WHITE, *Fine Arts*.

*Assistants.* C. ISABELLE ATKINSON, R.N., *Physical Education*; WILLIAM WATSON BEAUMONT, B.S., *Music*; ELMA H. BENTON, A.M., *Secondary Education*; MARGARET L. CAMMACK, A.M., *Chemistry*; LAURA M. CHASELL, A.M., *Educational Psychology*; VANESSA GLUCKSMANN, A.M., *Physical Education*; MAUDE M. HALL, *English*; FRANCES V. HALLOCK, *Speech*; NELLIE X. HAWKINSON, *Nursing and Health*; HANNAH ELIZABETH HONEYWELL, A.M., *Chemistry*; FLORENCE E. HOUSE, A.M., *Industrial Arts Education*; EARL HUDELSON, A.M., *English*; MORRIS MEISTER, B.S., *Physical*

<sup>1</sup> On leave 1918-1919.

<sup>2</sup> On leave Winter Session.

Science; JOHN CAYCE MORRISON, B.S., *Secondary Education*; MARGARET RITCHIE, B.S., *Household Chemistry*; ETHEL M. ROBINSON, B.S., *Kindergarten Education*; MARY E. TURNBULL, *Biology*; MARGARET E. TUTTLE, *Physical Education*; CHARLES WARDLAW, A.B., *Physical Education*; ELEANOR WELLS, *Household Administration*.

## TEACHERS COLLEGE SCHOOLS

## HORACE MANN SCHOOLS

VIRGIL PRETTYMAN, D.Pd., *Principal of Horace Mann School for Boys*; HENRY CARR PEARSON, A.B., *Principal of Horace Mann School*; CHARLES W. HUNT, A.M., *Vice-Principal of Horace Mann School*; CHARLOTTE GANO GARRISON, B.S., *Principal of Kindergarten*; MARION ROOT PRATT, *Executive Secretary*; AMY LOGAN, B.S., *Assistant to Principal, Girls' High School*; LILLIAN RANDEL, *Secretary of Boys' High School*; CONSTANCE F. BURR, *Secretary of Girls' High School*; HELEN CRISSEY, *Secretary of Elementary School*; MILDRED W. HOLMES, *Librarian of Boys' High School*; HELEN JEANETTE MOSS, *Librarian of Girls' High School*.

## HORACE MANN HIGH SCHOOLS \*

VIRGIL PRETTYMAN, D.Pd., *Principal of Boys' High School*; HENRY CARR PEARSON, A.B., *Principal of Girls' High School*; KATE STUART ANTHONY, *Domestic Art*; GEORGIA FARRAND BACON, B.S., *English*; CHARLES MCCOY BAKER,<sup>1</sup> A.M., *Latin*; HELEN BARTLETT BAKER, A.B., *English*; MARK B. BARRY, A.B., *Tutor*; PAUL EVERETT BELTING, A.M., *Assistant and Athletics*; VEVIA BLAIR, B.S., *Mathematics*; BELLE BOAS, B.S., *Fine Arts*; ELIZABETH BRIGGS, A.M., *History*; FRANK ELBERT BROOKS, A.B., *French*; MARIE KARCHER BROOKS, *French*; MATTHEW BROWN, *Physical Training*; HARRIET GARTON CARTWRIGHT, *Music*; JENNIE MAE CLARK, A.M., *Mathematics*; BERTHE M. COSTIKYAN, *French*; J. HARVEY COULTER, Ph.B., *English*; LAURA BISHOP CRANDON, A.M., *Spanish and German*; BERNICE FRANCES DODGE, Ph.B., *Household Arts*; STELLA SECREST DUNHAM, A.M., *Mathematics*; MARGARET GARSIDE, A.B., *English*; CHARLES DUDLEY GEROW, A.B., *History*; MARY BROWNSON GILLMORE, Ph.B., *History*; JAMES H. GROSS, A.M., *Mathematics*; ROY W. HATCH, *History*; NELLIE X. HAWKINSON, *Home Nursing*; FRANK HEDERICK, Ph.D., *Spanish*; PAUL HEINZELMANN, A.M., *German and French*; GEORGE THOMAS HOLM, *Swimming*; CAROLINE WOODBRIDGE HOTCHKISS, *English*; EDITH INKS, B.S., *Assistant in Mathematics*; CLARA BARBARA KIRCHWEY, *Science*; GEORGE A. LAND, Ph.D., *Latin*; HENRIETTA M. LANGNER, *Assistant in Household Arts*; DEFOREST LAVOY, *Industrial Arts*; LILLIE MARIA LAWRENCE, B.S., *Latin*; ALTON IRVING LOCKHART, A.M., *Science*; CONRAD TRAVIS LOGAN, *English*; JANET ROWLAND MCCASTLINE, A.M., *Recorder, Physical Education*; A. BERDENA MCINTOSH, A.B., *English*; MARION MACKINNON, A.B., *Assistant in Household Arts*; HARRY WHEELER MARTIN, A.M., *History*; MORRIS MEISTER, A.M., *Science*; ELIZABETH R. MERRITT, B.S., *Fine Arts*; WILLIAM JOHN NAGLE,<sup>1</sup> A.M., *Latin*; JOHN DUELE NEITZ, A.B., *Special Tutor*; WALDO C. PEEBLES, A.B., *Tutor*; OLIVE E. PLACE, *Assistant in Latin*; NINA FRANCES RAYNOR, A.M., *Latin*; MARIE LOUISE ROBERT, *French*; KENNETH ROGERS, A.B., *English and Music*; FLORENCE M. ROHR, A.M., *General Assistant*; MILTON MYERS SMITH, A.B., *English*; PHILIP L. SMITH, A.B., *Science*; EDGAR S. STOWELL, *Conductor of Orchestra*; FLORENCE

\* This list includes the instructors in the Horace Mann School for Boys and in the Girls' High School.

<sup>1</sup> On leave 1918-1919.

STUART,<sup>3</sup> *Physical Training*; HOWARD F. TAYLOR, A.M., *Latin*; JOHN T. VAN SANT, A.B., *Mathematics*; CARLE O. WARREN, *Mathematics*; ETHEL WENK, *Physical Training*; ROLAND H. WILLIAMS, A.M., *Science*; LAVERGNE WOOD, A.M., *Assistant in Mathematics*.

#### ELEMENTARY SCHOOL

HENRY CARR PEARSON, A.B., *Principal*; CHARLES W. HUNT, A.M., *Vice-Principal*; FLORENCE McVEY MEADOWCROFT, *First Grade*; AGNES BURKE, B.S., *First Grade*; GERTRUDE ISABEL BIGELOW, *First and Second Grades*; EVELYN BATCHELDER, *Second Grade*; MILDRED IONE BATCHELDER, *Second Grade*; ALICE ELIZABETH PHELPS,<sup>3</sup> *Open Air, Second and Third Grades*; ANNIE BENNETT BRIGGS, *Assistant, Open Air, Second and Third Grades*; DAISY T. FREELAND, *Third Grade*; MARY JULIA DETRAZ, A.B., *Third Grade*; M. EVELYN CARROLL, *Special Classes*; IDA ELIZABETH ROBBINS, *Fourth Grade*; ETHEL M. ORR, B.S., *Fourth Grade*; MARY HELEN COYKENDALL, *Assistant, Open Air, Fourth Grade*; RUTH BATCHELDER STACKPOLE, *Fourth and Fifth Grades*; MARGARET GERTRUDE CONDRI, *Fifth Grade*; SIEGRIED MAIA UPTON, A.M., *Fifth Grade*; MARIE HENNES, *Fifth and Sixth Grades*; MARY FREDERIKA KIRCHWEY, *Sixth Grade*; MARY GERTRUDE PEABODY, *Sixth Grade*; TEXA L. MOORE, *Sixth Grade*; MARGARET H. HOLMES, A.M., *Primary Assistant*; ALTA E. THOMPSON, *Grammar Assistant*; LUCY HESS WEISER, *Industrial Arts*; HELEN LATHAM, *Music*; VANESSA GLUCKSMANN, A.M., *Physical Training*; BERNICE FRANCES DODGE, Ph.B., *Household Arts*; WILLIAM W. BEAUMONT, B.S., *Assistant in Music*; IRMA COXLEY, *Assistant in Fine Arts*; CHARLOTTE GANO GARRISON, B.S., *Principal of Kindergarten*; ETHEL MARIA ROBINSON, B.S., *Kindergarten*; HELENE KNEIP, A.M., *Kindergarten*; MARY E. RANKIN, B.S., *Kindergarten*; BLANCHE LOUISE BIRCH, A.M., *Kindergarten*.

#### THE LINCOLN SCHOOL

OTIS W. CALDWELL, Ph.D., *Director of the Lincoln School*; CHESTER A. BUCKNER, Ph.D., *Assistant to the Director*; ETHELWYN C. BRADISH, *Fine Arts*; NELL C. CURTIS, *Third Grade*; ANNIE T. EATON, A.B., *Librarian*; A. H. EDGERTON, A.M., *Industrial Arts*; MARGARET FALKENHAUSEN, *Secretary*; CHARLES W. FINLEY, M.S., *Biology*; JOHN GUY FOWLKES, A.B., *Physical Training*; ANNA J. GANNETT, B.S., *Second Grade*; EARL R. GLENN, A.B., *Physical Science*; ELIZABETH GMINDER, *Music*; GAIL HARRISON, B.S., *First Grade*; LOUIS A. HERR, B.S., *Industrial Arts*; MARGARET HOLZ, A.M., *German*; JEAN HOSFORD, B.S., *Physical Training*; ALBERT H. HUNTINGTON, A.B., *Mathematics*; JOSEPH L. KINGSBURY, A.B., *History and Civics*; STERLING A. LEONARD, A.M., *English*; LOUIE LESSLIE, *Fifth Grade*; HOWARD H. MASON, M.D., *Physician*; OLIVE MOORE, *Sixth Grade*; OTHON QUINCHE, B.ès S., *French*; SUZANNE ROTH, A.M., *French*; RALEIGH SCHORLING, A.M., *Mathematics and Acting Principal of the High School*; LIDA LEE TALL, B.S., *Supervising Principal, Elementary Grades*; F. F. VON COURT, *Penmanship*; GERTRUDE WIGHT, *in charge of Lunch Room*; EFFIE M. WILLIAMSON, B.S., *Fourth Grade*; FLORENCE E. WINCHELL, B.S., *Household Arts*; LYDIA WOLIUNG, *Geography and Mathematics*; LULA E. WRIGHT, *Assistant, Elementary School*.

#### SUMMER SESSION 1918

EMILIO AGRAMONTE, Jr., LL.B., *Spanish*; VIRGINIA M. ALEXANDER, *Fine Arts*; I. S. ANDREEVSKI, *Russian*; LEON ARDZROONI, A.M., *Economics*; JULIA HILL ATWELL, B.S., *Fine Arts*; EARLE B. BABCOCK, Ph.D., *French*; BERTHA M. BENTLEY, B.S., *Industrial Arts*; GINO BIGONGIARI, A.B., *Italian*; ERNEST LUDLOW BOGART,

<sup>3</sup> On leave Spring Session.



Ph.D., *Economics*; DOROTHY BREWSTER, Ph.D., *Comparative Literature*; FRANK WADLEIGH CHANDLER, Ph.D., *English and Comparative Literature*; THATCHER CLARK, Ph.D., *French*; MORRIS R. COHEN, Ph.D., *Philosophy*; ROSSETTER G. COLE, A.M., *Music*; STEPHEN SHELDON COLVIN, Ph.D., *Educational Psychology*; LOUISE R. CURRY, A.B., *Speech*; EDGAR DAWSON, Ph.D., *History*; ANTON DE HAAS, *Business*; MICHAEL F. DEE, LL.B., *Law*; IRVING C. DEMAREST, A.M., *Latin*; ARTHUR DE PIERPONT, B.ès.L., *French*; MATHURIN M. DONDO, A.M., *French*; ALANSON F. EDGERTON, A.M., *Industrial Arts*; DANIEL B. DUNCAN, Ph.B., *English*; ADOLPH ELWYN, A.M., *Neurology*; WILLIAM L. ESTABROOK, Ph.D., *Chemistry*; JOHN BATES EYSTER, Ph.B., *German*; ELIZABETH E. FARRELL, B.S., *Educational Psychology*; LÉON FERARU, L.en D., *Romance Languages*; FRANKLIN CHARLES FETTE, A.M., *Physical Education*; CHRISTIAN GAUSS, Ph.D., *Italian*; THEDA GILDERMEISTER, B.S., *Elementary Education*; HENRY H. GOLDBERGER, A.M., *English*; WILLIAM M. GREGORY, B.S., *Geography*; MARY E. HALL, *Library Economy*; S. H. HANKINS, *Economics*; SADA ANNIS HARBARGER, A.M., *English*; W. E. HARNED, A.B., *Stenography and Typewriting*; ADELAIDE R. HASSE, *Library Economy*; CLYDE M. HILL, A.M., *Secondary Education*; JAMES FLEMING HOSIC, Ph.M., *English*; GUY RICHARD HUBBART, A.B., *Advertising*; EARLE HUDELSON, A.M., *English*; LILLIAN A. HUDSON, B.S., *Nursing and Health*; SOLOMON S. HUEBNER, Ph.D., *Business*; C. C. HUGHES, *Elementary Bookkeeping*; OTTO VICTOR HUMANN, *Fine Arts*; ROBERT ERNEST HUME, Ph.D., *Religion*; FRED M. HUNTER, A.B., *Educational Administration*; HARVEY ERNEST JORDAN, Ph.D., *Anatomy*; C. W. KEAN, *Stenography*; HELEN REX KELLER, A.M., *Library Economy*; HENRY CHURCHILL KING, S.T.D., *Religion*; JOHN C. KIRTLAND, A.M., L.H.D., *Latin*; EMMA E. KNIGHT, *Household Arts*; S. BERNARD KOOPMAN, M.C.S., *Bookkeeping and Accounting*; CAROLINE KREYKENBOHM, A.M., *German*; FLORENCE LA GANKE, *Household Arts*; CHARLES I. LAMBERT, M.D., *Psychology*; MARGARET LEAL, *Nursing and Health*; EDWARD M. LEHNERTS, A.M., *Geography*; MICHAEL LEVINE, Ph.D., *Botany*; WILLIAM LILLY, LL.B., *Business*; GEORGE H. LING, Ph.D., *Mathematics*; MATTHEW T. MCCLURE, Ph.D., *Philosophy*; GRACE HARRIET MACURDY, Ph.D., *Greek*; HAROLD ELMER MANTZ, Ph.D., *French*; A. APPLETON MASON, B.S., *Physical Education*; CHARLES MILLER, LL.M., *Stenography and Typewriting*; MARBURY B. OGLE, Ph.D., *Latin*; HENRI CÉSAR OLINGER, B.S., *French*; FRANCES TAYLOR PATTERSON, *Photoplay Writing*; SHIRLEY GALE PATTERSON, Ph.D., *Spanish*; WALTER E. PECK, A.M., *English*; JOHN PHELAN, A.M., *Rural Education*; P. ORMAN RAY, Ph.D., *Politics*; ROBERT W. ROGERS, Ph.D., *History, Biblical Literature*; J. SALWYN SCHAPIRO, Ph.D., *History*; W. S. SCHLAUCH, A.M., *Mathematics*; ELLEN CHURCHILL SEMPLE, *Geography*; PAUL SHOREY, Ph.D., *Greek*; FRANK V. THOMPSON, Ph.D., *Commercial Education*; SHUTARO TOMIMAS, A.M., *Japanese*; FREDERICK F. VON COURT, A.B., *Penmanship*; CHARLES DIGBY WARDLAW, A.B., *Physical Education*; FREDERICK MORRIS WARREN, Ph.D., *French*; IRENE WARREN, A.B., *Library Economy*; LETITIA E. WEER, B.S., *Household Arts*; MARION WESTON, B.S., *Physical Education*; EDWIN ERNEST WILDE, *Music*; BLANCHE C. WILLIAMS, Ph.D., *English*; JESSE FEIRING WILLIAMS, M.D., *Physical Education*; MARTHA V. WILSON, *Library Economy*; FRANK J. WRIGHT, A.M., *Geography*; J. J. WRIGHT, *Stenography and typewriting*; THEODORE ETHEL WYE, B.S., *Latin*.

## EXTENSION TEACHING

*Officers of Instruction Holding Appointments only in Extension Teaching.* EDITH M. ACHILLES, *Psychology*; PETER AMAZON, *Chemistry*; IVAN S. ANDRÈEVSKI, *Slavonic*; A. M. ARNETT, *History*; K. LANEAU BAKER, B.C.S., *Accounting*; FRANK PIERCE BALTZ, LL.B., B.C.S., *Accounting*; EDGAR M. BARBER, C.P.A., *Accounting*; HARRY



E. BARNES, *History*; JESSE E. BEANS, *Drawing*; FRED ALLEN BEIDLEMAN, B.S., *Stenography and typewriting*; EARL WHITNEY BENJAMIN, *Agriculture*; GEORGE BENNETT, *Business*; G. BIGONGIARI, *Italian*; J. MALCOLM BIRD, A.B., *Mathematics*; CLEMENT S. BRAININ, *Astronomy*; WILLIAM E. BRECKENRIDGE, *War Mathematics*; EDGAR W. BURRILL, *English* (Bridgeport, Conn.); THOMAS WILLIAM BYRNES, C.P.A., *Accounting*; HARRY J. CARMAN, *History*; EDNA H. CHARLSEN, *English*; RANDOLPH FOSTER CLARK, Ph.B., *Structural Mechanics and Mathematics*; THATCHER CLARK, Ph.D., *French and Spanish*; HARVEY W. CORBETT, *Architecture*; HANNAH E. CREASEY, *Speech Improvement*; A. JAY CROSS, *Practical Optics*; RICHARD DUDLEY CURRIER, LL.B., *Commercial law*; WALTER A. CURRY, *Electrical Engineering*; M. ELIZABETH J. CZARNOMSKA, *Semitic*; BALBINO DAVALOS, *Spanish*; MILTON JUDSON DAVIES, A.B., *Assistant to Director, Institute of Arts and Sciences*; EMMA BELLE DEARBORN, *Stenography and typewriting*; HERMAN DEFREM, *Neurology*; HELEN E. DILLER, *English*; MRS. ELLINOR TEN BROECK ENDICOTT, *Classical Literature*; LÉON FERARU, A.B., *French*; EMMA SHERIDAN FRY, *Educational Dramatics*; JOSÉ F. GODOY, *International Law*; LOUISE WOODRUFF GOULD, A.B., *Library economy*; JOHN GREGORY, *Architecture*; ERNEST M. HALLIDAY, A.M., *English*; CLAYTON HAMILTON, A.M., *English*; TALBOT F. HAMLIN, *Architecture*; EDWARD HAMMEL, *Architecture*; WILLIAM E. HARNED, A.B., *Stenography and typewriting*; E. S. HARRISON, *Spanish*; RICHARD M. HODGE, *Biblical literature*; ALFRED E. HOLCOMB, *Business*; GEORGE E. HOLMES, *Business*; BRIAN HOOKER, A.M., *English*; CHARLES A. HOWARD, S.B., *Accounting*; GUY RICHARD HUBBART, A.B., *Advertising and salesmanship*; C. CARL HUGHES, B.C.S., *Bookkeeping*; JAMES F. HUGHES, C.P.A., *Accounting*; J. L. HUGHES, *Stenography*; HELEN ROSE HULL, Ph.B., *English*; F. W. JONES, *Sociology*; MAURICE GRENVILLE KAINS, M.S.A., *Agriculture*; VAHAN H. KALENDERIAN, A.B., *Slavonic*; HELEN REX KELLER, A.M., *Library economy*; S. BERNARD KOOPMAN, M.C.S., *Accounting*; WILLIAM J. KRAFT, *Music*; GEORGE KRIEHN, Ph.D., *Fine Arts*; CHARLES I. LAMBERT, *Psychology*; SHIRLEY V. LONG, *English*; MATTHEW E. LYNAUGH, B.C.S., *Stenography and typewriting*; VIRGIL SAMPSON MALLORY, *Mathematics*; EDWARD B. MANNING, *Music*; JAMES F. MCCARTHY, *Topography*; HELEN MCCLEES, A.M., *Latin*; FANNIE M. McLANE, *English*; HAROLD RAYMOND MEDINA, *Law*; JULIO MERCADO, B. en L., *Spanish*; MRS. MABEL WITTE MERRITT, *Law*; CHARLES MILLER, LL.M., *Stenography and typewriting*; L. B. MORSE, *Physics*; THOMAS MUNRO, *Philosophy*; KATHARINE MURDOCK, *Psychology*; DORA E. NEUN, *Chemistry*; M. NISHIMURA, *Botany*; TORIBIO ESQUIVEL OBREGON, *Business*; HENRI C. OLINGER, M.A., *French*; WILLIS A. PARKER, *Philosophy*; FRANCES T. PATTERSON, *Photoplay Composition*; WALTER E. PECK, *English*; AUGUST PETERSON, *Physical Education*; MAX RADIN, *Semitic Languages*; KATHARINE C. REILEY, Ph.D., *Assistant to Director, Latin and Greek*; SAMUEL H. ROBERTS, *Practical Optics*; PHILIPPE DE LA ROCHELLE, *French*; JOHN F. D. ROHRBACH, C.P.A., *Accounting*; EDWARD J. RYAN, *Stenography*; W. A. SANDERS, *Architecture*; DOROTHY SCARBOROUGH, Ph.D., *English*; FREDERICK WILLIAM SCHOLZ, A.M., *German*; ARTHUR SINSHEIMER, *Business*; J. P. C. SOUTHALL, *Practical Optics*; W. M. STEMPER, *Physics*; A. H. STOCKDER, *Business*; LECH K. STRASZEWICZ, *Polish*; HARVEY JULIAN SWANN, A.M., *French*; JOHN AUGUST SWENSON, *Mathematics*; ANNA L. SWORTS, *Chemistry*; ORDWAY TEAD, *Business*; WILLIAM TILLY, *Phonetics*; ARTURO TORRES, A.M., *Spanish*; H. LEDYARD TOWLE, *Camouflage*; J. A. VAETH, *Spanish*; GEORGE HENRY VAN TUYL, *Commercial arithmetic*; R. M. WEAVER, *English*; L. R. WELZMILLER, *Practical Optics*; LAWRENCE A. WILKINS, A.M., *Spanish*; BLANCHE COLTON WILLIAMS, Ph.D., *English*; SAMUEL LEE WOLFF, Ph.D., *English*; FREDERIC A. WOLL, *Practical Optics*; T. L. WOOLHOUSE, *Business*; I MAURICE WORMSER, LL.B., *Commercial law*; ALEXANDER HOLLAND WRIGHT, *Chemistry*; JAMES J. WRIGHT,

*Stenography and typewriting*; THEODORA ETHEL WYE, B.S., *Latin*; JAMES M. ZILBOORG, *Chemistry*; HAROLD P. ZOLLER, *Architecture*.

*Officers of Instruction Holding Appointments only in Long Island College Hospital.* H. P. K. AGERSBORG, *Zoology*; R. F. HARLOE, *Chemistry*; A. M. JORDAN, *Psychology*; S. E. MATTSO, *Chemistry and Physics*; O. C. PERKINS, *Zoology*; LEONELL C. STRONG, *Zoology*.

*Officers of Instruction Holding Appointments only in the American Institute of Banking, New York Chapter.* G. F. BERGER, *Banking*; J. B. BIRMINGHAM, *Banking*; ALFRED C. BRYAN, *Commercial Geography*; LAWRENCE CHAMBERLAIN, *Investments*; G. W. EDWARDS, *Economics*; V. GONZALES, *Foreign Exchange*; D. H. MILES, *English*; B. S. MILLER, *Banking*; F. L. O'HAIR, *Banking*; J. RATTRAY, *Quiz Banking Practice*; H. L. TOMPKINS, *Bank Organization*; JOHN R. WILDMAN, *Accounting*.

*Officers of Instruction Holding Appointments only in Spoken Language Courses.* HOLMFRIDUR ARNADOTTIR, *Danish-Norwegian and Icelandic*; J. L. BRUCE, *Portuguese*; Y. M. CHEN, A.M., *Chinese*; ROBERT M. GUGGENHEIM, *German*; AI HOSHINO, *Japanese*; P. J. MARIQUE, *French*; M. A. O'BYRNE, *Irish*; AUGUST L. PUEL, *French*; GEORGE RADIN, *Serbo-Croatian*; F. VEXLER, *Rumanian*; A. YARMOLINSKY, *Russian*.

# Columbia University in the City of New York

## GENERAL STATEMENT

### HISTORICAL

On October 31, 1754, Letters Patent were issued incorporating THE GOVERNORS OF THE COLLEGE OF THE PROVINCE OF NEW YORK IN THE CITY OF NEW YORK IN AMERICA and providing for the establishment of a College to be known as King's College "for the Instruction and Education of Youth in the Learned Languages and in the Liberal Arts and Sciences." The conclusion of the announcement issued in the same year reads: "A serious, virtuous, and industrious Course of Life being first provided for, it is further the Design of this College to instruct and perfect the Youth in the Learned Languages, and in the Arts of Reasoning exactly, of Writing correctly, and Speaking eloquently; and in the Arts of Numbering and Measuring, of Surveying and Navigation, of Geography and History, of Husbandry, Commerce, and Government; and in the Knowledge of all Nature in Heavens above us, and in the Air, Water, and Earth around us, and the various Kinds of Meteors, Stones, Mines, and Minerals, Plants and Animals, and of every Thing useful for the Comfort, the Convenience, and Elegance of Life, in the chief Manufactures relating to any of these things: And finally, to lead them from the Study of Nature, to the Knowledge of themselves, and of the God of Nature, and their Duty to Him, themselves, and one another; and every Thing that can contribute to their true Happiness, both here and hereafter." The educational work of the College was at once begun under the presidency of Dr. Samuel Johnson with a class of eight students and the first Commencement was held on June 21, 1758. The first college building, erected on a portion of the 'King's Farm', at what is now the corner of Park Place and Church Street, was completed in 1760. The Revolutionary War, during which this building was taken for military purposes, compelled a suspension of Activities. King's College numbers among its students and graduates Alexander Hamilton, John Jay, Robert D. Livingston, Gouverneur Morris, and John Stevens.

In 1784, the Legislature of the State of New York passed an act incorporating the 'REGENTS OF THE UNIVERSITY OF THE STATE OF NEW YORK', vesting the property of King's College in the Regents, and changing the name of the College to Columbia College. In 1787, this act was repealed, and an act was passed, confirming the Royal Charter of 1754 and vesting the property and franchises of King's College in "The Trustees of Columbia College in the City of New York."

In 1810, the charter was again amended in certain particulars at the request of the Trustees, and re-enacted, but the corporate title remained the same until 1912 when by order of the Supreme Court of the State of New York it was changed to 'The Trustees of Columbia University in the City of New York.' In 1897 the University removed from Forty-ninth Street and Madison Avenue, where it had been situated since 1857, to its present location on Morningside Heights.<sup>1</sup>

<sup>1</sup> The attention of those interested in the historical development of the University is called to *The History of Columbia University, 1754-1904* (pp. xiii + 493). \$1.50. Columbia University Press, Lemcke and Buechner, New York, agents, and to *Columbia* (pp. xvi + 297). \$2.00. Oxford University Press.

## BUILDINGS AND GROUNDS

The general plan of the buildings of the Corporation on Morningside Heights comprises two groups, one of which occupies the site on the northerly side of 116th Street, extending to 120th Street, and the other, the site on the southerly side of 116th Street, extending to 114th Street, bounded on the east by Amsterdam Avenue, and on the west by Broadway.<sup>1</sup>

The UNIVERSITY LIBRARY, erected 1895-1897, the gift of Seth Low, LL.D., of the Class of 1870 and President of the University from 1889 to 1901, is the central feature of the buildings comprising the northerly group which together form a large quadrangle. This group includes on the east: EAST HALL, which contains several of the administrative offices of the University; KENT HALL (205 ft. x 53 ft.), erected in 1910 from funds largely provided by Charles Bathgate Beck of the Class of 1877, College, and 1879, Law, occupied by the School of Law and the Faculty of Political Science; PHILOSOPHY HALL (145 ft. x 57 ft.), erected in 1910, the gift of an anonymous donor, occupied by the Faculty of Philosophy; ST. PAUL'S CHAPEL (140 ft. x 82 ft. x 112 ft., with 1,000 sittings), erected 1904, the gift of Olivia E. P. Stokes and Caroline Phelps Stokes as a memorial to their parents; AVERY LIBRARY (150 ft. x 57 ft.), erected 1911, the gift of Samuel P. Avery, containing the Avery Architectural Library and the School of Architecture; and FAYERWEATHER HALL (150 ft. x 57 ft.), erected in 1896 from the bequest of Daniel B. Fayerweather, occupied by the departments of physics and astronomy. On the north, the group further includes: SCHERMERHORN HALL (205 ft. x 80 ft.), erected 1896, the gift of William C. Schermerhorn of the Class of 1840; occupied by the departments of geology, mineralogy, botany, and zoology; the unfinished UNIVERSITY HALL, occupying the central position on the northern boundary of the campus, which contains the offices of the Bursar, Registrar, Dean of the Graduate Schools, Director of University Admissions, and Director of Summer Session and Extension Teaching, and, next to the LIBRARY, the largest of the University buildings, containing the Gymnasium, the power plant, which provides light, heat, and power to all of the buildings, and the University Commons; and HAVEMEYER HALL (205 ft. x 80 ft.), erected 1896, the gift of the family of Frederick Christian Havemeyer, occupied by the School of Chemistry. On the west the northerly group includes: the SCHOOL OF ENGINEERING building (150 ft. x 57 ft.), erected 1896, occupied by the departments of civil, electrical, mechanical, and highway engineering; EARL HALL (99½ ft. x 58 ft.), erected 1900, the gift of William Earl Dodge, the home of the religious, philanthropic, and social interests of the students; the SCHOOL OF MINES building (145 ft. x 57 ft.), erected 1904, the gift of Adolph Lewisohn, used for mining and metallurgy; and the FACULTY CLUB, a building like EAST HALL, acquired by the University at the purchase of the site.

The southerly group of buildings, occupying the ground lying immediately in front of the LIBRARY, popularly known as South Field, includes, on the east: HAMILTON HALL (205 ft. x 53 ft.), erected 1906, the gift of John Stewart Kennedy, the home of Columbia College; and the two residence halls, HARTLEY HALL and LIVINGSTON HALL, both erected 1904. On the west, the group includes the SCHOOL OF JOURNALISM (205 ft. x 53 ft.), erected 1912, provided by the gift and bequest of Joseph Pulitzer; and a third residence hall, FURNALD HALL, erected 1913.

The University Library is of Indiana limestone. The other buildings, in conformity to the general design, are constructed of overburned brick and limestone, set, as is also the Library, upon a base of granite. A model of all the University buildings (20 ft. x

<sup>1</sup> For detailed description of the buildings and grounds of the University see *An Official Guide to Columbia University* (pp. ix+130). \$.25. Columbia University Press, Lemcke and Buechner, New York, Agents.



35 ft.), now existing and as projected, and showing the buildings in detail and in their relation to each other, is on view in the basement of Kent Hall.

To the east of the northerly group of buildings, in the block bounded by Amsterdam Avenue, Morningside Drive, 116th and 117th Streets, the property of the University, are the CROCKER RESEARCH LABORATORY, the greenhouses belonging to the departments of botany and agriculture, and the RESIDENCE OF THE PRESIDENT OF THE UNIVERSITY; and on the north side of 117th Street the COLUMBIA HOUSE, the gift of Edward D. Adams, and the MAISON FRANÇAISE, the gift of A. Barton Hepburn, as a center of French interests in the University.

Barnard College is situated on Broadway, immediately west of the University site, and occupies the land extending from 116th to 120th Street. The buildings comprise MILBANK HALL (119 ft. x 65 ft.) and BRINCKERHOFF HALL (166 ft. x 55½ ft.), both erected 1896, the gifts, respectively, of Mrs. A. A. Anderson and Mrs. Van Wyck Brinckerhoff; FISKE HALL (166 ft. x 53½ ft.), erected in 1897, the gift of Mrs. Josiah M. Fiske; STUDENTS HALL (153 ft. x 125 ft.), erected in 1917, the gift of Jacob H. Schiff; and BROOKS HALL (122 ft. x 42 ft.), erected 1907, the Barnard College hall of residence.

The buildings of Teachers College occupy the block between 120th and 121st Streets, directly north of the University site. They consist of the MAIN BUILDING (169 ft. x 132 ft.), erected 1894; the adjoining MILBANK BUILDING (146 ft. x 52 ft.), erected 1897; the MACY MANUAL ARTS BUILDING (145 ft. x 74 ft.), erected 1896; the HOUSEHOLD ARTS BUILDING (153 ft. x 57 ft.), erected 1909; and the THOMPSON BUILDING (110 ft. x 84 ft.), erected 1904. The HORACE MANN SCHOOL (202 ft. x 100 ft.), erected 1901, the school of observation of Teachers College, forms a constituent part of the group on the Broadway side. WHITTIER HALL (202 ft. x 100 ft.), erected 1901, adjoining Teachers College on the east, is the residence hall for women students and officers. In addition to this group of buildings there are the SPEYER SCHOOL (115 ft. x 49 ft.), at 94 Lawrence Street, erected in 1902 as a school of observation and experiment, and the HORACE MANN BOYS' SCHOOL (173 ft. x 60 ft.), a country day school for boys, erected in 1914, at 246th Street, west of Broadway.

The Medical School of the University, the College of Physicians and Surgeons, is on 59th Street, between Ninth and Tenth Avenues. The group of buildings comprises the SOUTH BUILDING (141 ft. x 43½ ft.), erected 1886, the MIDDLE BUILDING (56 ft. x 54½ ft.), erected 1886, both the gift of William H. Vanderbilt; the NORTH BUILDING (94 ft. x 43½ ft.), erected 1886, to which a six-story building (87 ft. x 49 ft.) was added in 1917; the INSTITUTE OF ANATOMY (88½ ft. x 45 ft.) and the VANDERBILT CLINIC (106 ft. x 60 ft.), both erected 1896 with funds provided by the gift of Cornelius, William K., Frederick W., and George W. Vanderbilt; the SLOANE HOSPITAL FOR WOMEN (145 ft. x 98 ft.), erected 1886-1911, the gift of Mr. and Mrs. William D. Sloane.

The COLLEGE OF PHARMACY (75 ft. x 100 ft.), erected in 1894, is in West 68th Street, between Broadway and Columbus Avenue.

The entire University occupies 50.629 acres of ground in New York City, and has, in addition, a Summer Camp of Surveying and Geodesy, covering 585 acres, in Morris, Connecticut.

## ORGANIZATION

The title to all corporate property is vested in a board of twenty-four Trustees, whose term of office is for life, and who form a self-perpetuating body, exercising the power of appointment as to all officers of instruction and administration and general oversight and control of the affairs of the University. In 1909 provision was made for the nomination by the Alumni of six of the twenty-four Trustees.



THE PRESIDENT has charge of the educational administration of the University and is Chairman of the University Council and of every faculty and administrative board established by the Trustees. The Treasurer of the corporation elected by the Trustees has charge of the financial administration of the University. The other principal administrative officers are the Deans of the several faculties and the Directors of the Summer Session and Extension Teaching, and of the Schools of Architecture and of Journalism, who under the general supervision of the President have immediate charge of the educational work of the University, the Provost of the University, the Librarian, the Chaplain, the Comptroller, the Secretary of the University, the Registrar, the Bursar, and the Superintendent of Buildings and Grounds.

THE UNIVERSITY COUNCIL is a representative body consisting of the President, the Deans, certain other administrative officers, and two members elected from each of the several faculties. Subject to the reserved power of control by the Trustees, it is the function of the Council (a) to control the award of the higher degrees, to secure the correlation of courses with a view to increase the efficiency and to enlarge the range of University work, to encourage original research, and to adjust all questions involving more than one faculty; (b) to make recommendations, both to the Trustees and to the several faculties, concerning the educational administration of the University, and to advise the President upon such matters as he may bring before it; (c) to appoint all Fellows and University Scholars and, within the limits of the Statutes, to make rules for their government.

THE FACULTIES of the University are composed of the members of the corps of instruction of professorial rank. It is the function of the Faculties (a) to fix the requirements of admission, the program of studies, and the conditions of graduation; (b) to establish rules for ascertaining the proficiency of students, and for the assignment of honors; and (c) to fix the times of graduation. The Faculties, in their turn, are made up of various Departments of Instruction, which in the case of larger Departments have an organization of their own under an administrative head. For purposes of administration the Departments are further grouped together in a number of Divisions.

### SCHOOLS AND COLLEGES

The Schools and Colleges composing the University are as follows:

COLUMBIA COLLEGE, the oldest part of the University and in a sense the mother of the rest, offers a program of studies leading to the degree of Bachelor of Arts. Emphasis is placed upon the quality of the student's work rather than upon the time spent in residence, and this combined with the close coordination of the work of the Summer Session and Extension Teaching with that of the College, makes it possible for a well-prepared candidate to complete the requirements for the bachelor's degree in three years. The program provides not only for those students who wish to devote their entire time to undergraduate work, but for those who desire during their collegiate residence to prepare themselves for advanced standing in some professional course of study. As a preliminary to any professional courses the University strongly recommends at least two years of collegiate work, and candidates for professional degrees who are not already college graduates are advised to take advantage of the opportunities offered through Columbia College for a combination of general and professional studies which will lead to the bachelor's degree, in addition to a professional degree in law, medicine, mining, engineering, chemistry, or architecture, in six years.

BARNARD COLLEGE, founded in 1889, is a separate corporation and has separate buildings. As an undergraduate college for women, however, it bears the same relation to the educational system of Columbia University as does Columbia College for men. The requirements for admission and the standard of scholarship are of the same grade.

The degree of Bachelor of Arts is conferred upon its graduates by the University on the recommendation of the Faculty of Barnard College.

THE GRADUATE FACULTIES of the University, consisting of the coordinated faculties of Political Science, Philosophy, and Pure Science, offer advanced courses of study and opportunities for original research leading primarily to the non-professional degrees of Master of Arts and Doctor of Philosophy:

THE FACULTY OF POLITICAL SCIENCE, established in 1880, in history, political philosophy, economics, social science, public law, and comparative jurisprudence.

THE FACULTY OF PHILOSOPHY, established in 1890, in philosophy, education, psychology, anthropology, classical philology, English, comparative literature, the Germanic, the Romance, and the Oriental languages.

THE FACULTY OF PURE SCIENCE, established in 1892, in mathematics, astronomy, physics (mathematical and experimental), chemistry, mineralogy, geology, zoology, botany, psychology, physiology, anatomy, bacteriology, embryology, biological chemistry, pathology, and engineering.

THE COLLEGE OF PHYSICIANS AND SURGEONS, founded in 1807, offers courses in the principles and practice of medicine and surgery, leading to the degrees of Bachelor of Science in Medicine and Doctor of Medicine.

THE SCHOOL OF LAW, established in 1858, offers courses of three years and of one year in the principles and practice of private and public law, leading to the degrees of Bachelor and Master of Laws respectively.

THE SCHOOL OF MINES, founded in 1863, offers a three years' course of special professional study in mining and metallurgical engineering, leading to the degrees of Engineer of Mines and Metallurgical Engineer.

THE SCHOOL OF ENGINEERING and THE SCHOOL OF CHEMISTRY, set off from the School of Mines in 1896, offer a three years' course of special professional study in civil engineering, sanitary engineering, electrical engineering, mechanical engineering, and chemical engineering, leading to the degrees of Civil Engineer, Electrical Engineer, Mechanical Engineer, and Chemical Engineer.

TEACHERS COLLEGE, founded in 1888 and chartered 1889, was included in the University in 1898. It is a separate corporation, but takes academic rank in the University system as a professional school for teachers. It offers through the Faculty of Education, a course of study leading to the degree of Bachelor of Science in Education and graduate courses in school administration and in secondary, elementary, and kindergarten education, leading to the Teachers College diploma and the doctor's and master's degrees. Through its faculty of Practical Arts the College offers (a) a four-year program of collegiate study, based on four years of high school work, leading to the degree of Bachelor of Science in Practical Arts, and uniting liberal education in the fundamental cultural subjects with technical training in household arts, fine arts, industrial arts, music, physical education, and nursing and health; (b) two-year professional curricula in each of the above technical subjects, based on two years of collegiate study and leading to the Teachers College diploma and to the degree of Bachelor of Science in Practical Arts.

THE COLLEGE OF PHARMACY is, similarly, a separate corporation. It offers University courses leading to the degrees of Pharmaceutical Chemist, Bachelor of Science in Pharmacy, and Doctor of Pharmacy.

THE SCHOOL OF JOURNALISM, founded in 1912 through the gift of the late Joseph Pulitzer, offers courses in letters, science, and practical Journalism leading to the degree of Bachelor of Literature in Journalism.

THE SCHOOL OF ARCHITECTURE, founded as a department in 1896 and as a separate School in 1914, offers courses of study leading to the degree of Bachelor of Architecture, and advanced courses leading to the degree of Master of Science.

THE SCHOOL OF BUSINESS, organized in 1915, offers courses of study and technical and professional instruction in accounting, finance, and various branches of business leading to the degree of Bachelor of Science in Business, and advanced courses leading to the degree of Master of Science.

THE SCHOOL OF DENTISTRY, organized in 1917, offers courses in Dentistry and Oral Hygiene leading to the degree of Doctor of Dental Surgery.

The University maintains a SUMMER SESSION, of six weeks' duration, in which are offered courses that are accepted in partial fulfillment of the requirements of certain academic degrees and diplomas.

Through its system of EXTENSION TEACHING, the University offers to men and women, especially to those engaged in teaching, who can give only a portion of their time to study, an opportunity to pursue subjects included in a liberal education and to take courses, if they so desire, toward a diploma or an academic degree.

### DEPARTMENTS AND DIVISIONS

The several departments of study maintained by the University are grouped in Divisions as follows:

ANCIENT AND ORIENTAL LANGUAGES AND LITERATURES: Classical Philology, Chinese, Indo-Iranian Languages, Semitic Languages.

BIOLOGY: Anatomy, Bacteriology, Biological Chemistry, Botany, Pathology, Physiology, Zoology.

CHEMISTRY: Chemistry, Biological Chemistry.

EDUCATION: Education, Educational Research.

ENGINEERING: Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Drafting, Mechanical Engineering.

GEOLOGY, GEOGRAPHY, AND MINERALOGY: Geology, Geography, Mineralogy.

HISTORY, ECONOMICS, AND PUBLIC LAW: Economics, History, Social Science, Public Law and Jurisprudence.

MATHEMATICAL AND PHYSICAL SCIENCES: Astronomy, Mathematics, Physics.

METALLURGY AND MINING: Metallurgy, Mining.

MODERN LANGUAGES AND LITERATURES: English and Comparative Literature, Celtic, Germanic Languages, Romance Languages, Slavonic.

PHILOSOPHY, PSYCHOLOGY, AND ANTHROPOLOGY: Anthropology, Philosophy, Psychology.

PRACTICAL ARTS: Fine Arts, Household Arts, Manual Training.

### ANNOUNCEMENTS

The Announcements of each College or School, of the Summer Session, of Extension Teaching, and of the several Divisions, may be obtained without charge from the Secretary of the University.

# GENERAL REGULATIONS

## STATUS OF STUDENTS

A student may enter Columbia University as either:

1. A matriculated student accepted by the University as having fulfilled the preliminary qualifications for candidacy for a degree, certificate of proficiency, or diploma. A period of regular attendance upon all stated academic exercises amounting to at least one academic year must be completed by each candidate; or

2. A non-matriculated student, permitted to attend such courses as he may be qualified to take but not regarded as a candidate for a degree, certificate of proficiency, or diploma.

In the Announcement of each faculty will be found the conditions governing admissions to courses under that faculty.

Under the Statutes every student is admitted subject to the disciplinary powers of the University authorities. The President is empowered to administer discipline and to authorize the Deans of the several faculties to do so on his behalf.

## REGISTRATION

Before attending any University exercise each student must register, *i. e.*, must present himself in person to furnish the information necessary for the University records and to file a statement of the courses he is authorized to pursue. The central office of the Registrar, University Hall, and the offices at the College of Physicians and Surgeons, 437 West 59th Street, at the College of Pharmacy, 115 West 68th Street, and at Barnard College and Teachers College, were open for registration on September 19 to September 25, 1917, and on February 4 and 5, 1918. New students were permitted to register on the day following each of these periods. Those unable to complete their registration may file a provisional statement within the statutory period. Students registering late are charged an additional fee of five dollars and are held accountable for absences thus incurred. Registration cannot be completed until the fees for the Session have been paid.

Students holding fellowships or scholarships are required to register not later than the date specified in the Academic Calendar; failure to do so may be considered as vacating the fellowship or scholarship.

The requirements for graduation may be completed at any time during the year, but diplomas are issued only at Commencement and under date of the last Wednesday in February and October, respectively.

*Withdrawal.* An honorable discharge is granted to any adult student in good standing who may desire to withdraw from the University; a minor must submit the written assent of his parent or guardian. Students withdrawing from the University are required to notify the Registrar. No application for a return of fees can be considered unless written notice be given at the time of withdrawal. The Dean of any faculty may, for reasons of weight, grant a leave of absence to a student in good standing.

## FEES

All fees are payable semi-annually in advance, and no reduction is made for late registration. Under the regulations, the privileges of the University are withheld from any student delinquent in the payment of his fees.



The fees to be paid by students are subject to change at any time in the discretion of the Trustees.

*Students who were matriculated as candidates for a degree prior to July 1, 1915, may be permitted to pay for tuition for courses taken to fulfill the requirements for that degree at the rate effective during the academic year 1915-1916.*

The following fees are prescribed by statute:

### SUMMARY OF FEES

- (a) University Fee:
  - For all students (except those in Extension Teaching) for each Winter, Spring, or Summer Session, or any part thereof . . . . . \$5.00
  - For students in Extension Teaching exclusively, for a Spring and a Winter Session, or for a Summer Session, or any part thereof . . . . . 5.00
- (b) Tuition Fee:
  - For all students per point, except in cases where a special fee is fixed for a particular course . . . . . 6.00
- (c) Examination Fee:
  - For the Bachelor's Degree, not professional or technical (A.B., B.S.) . . . 15.00
  - For any professional or technical degree or certificate, including the Degree of B.Lit. in the School of Journalism . . . . . 25.00
  - For the Foreign Service Certificate . . . . . 10.00
  - For the Master's Degree (A.M., M.S., LL.M.) . . . . . 25.00
  - For the Degree of Doctor of Philosophy . . . . . 35.00
- (d) Privileges:
  - 1. Late registration or application . . . . . 5.00
  - 2. Deficiency and special examinations . . . . . 5.00
  - With a maximum fee for examinations in a single series of . . . . . 25.00
  - The conditions under which such privileges shall be granted are to be determined by the Registrar with the approval of the President.
  - (See Administrative Procedure following.)
- (e) Entrance Examinations:
  - For each series . . . . . 5.00
- (f) Rebates:
  - 1. The University Fee and the Examination Fee are not subject to rebate.
  - 2. After the last day of the period provided for change of course, as announced in the University Calendar, no tuition fees will be returned for any course which the student may for any reason discontinue. Exception to this rule may be made only in cases of total withdrawal from the University, when a *pro rata* return of fees may be authorized by the Registrar.

### ADMINISTRATIVE PROCEDURE

**Late Registration.** For the ultimate date for the completion of registration without the payment of the additional fee, see the Academic Calendar.

**Late Application.** For the ultimate date for filing an application for admission, a deficiency or a special examination, or for a degree, without the payment of the additional fee, see the Academic Calendar.

**Deficiency and Special Examinations.** An examination to remove a deficiency in course or in entrance requirements, or an examination at an unusual time, involves the payment of the additional fee.



When a rebate is allowed for the discontinuance of courses or withdrawals from the University, such rebate will be reckoned from the day upon which the Registrar receives notice from the student.

*Summer Courses in Surveying, Mining, and Geodesy.* Students taking courses in Surveying and Geodesy in the Summer Session at Camp Columbia are required to pay a university fee of \$5 and tuition fees for each course. The university fee is payable but once for each session and allows a student to take any course or courses given during that session for which he is otherwise eligible. The tuition fees are estimated at \$6 per point.

Candidates for admission to advanced standing who attend the Summer Course in Practical Mining are required to pay therefor a fee of \$50.

### DEPOSITS

*Summer Courses in Surveying.* Every student before starting for Camp, and at the same time the fees for the Summer Session in surveying are paid, shall make a deposit at the Bursar's office at Columbia University to meet Camp expenses, *viz.*, board, laundry, charges for drawing material, notebooks, etc.; also to cover any damage to breakage, or loss of instruments or Camp equipment, and transportation of self and baggage from the station to and from the Camp. The Bursar's receipt for said deposit shall be presented to the professor in charge of the Summer Session upon the arrival of the student in Camp.

The amount of the deposit varies with the course or the number of courses taken and is as specified below. Students intending to take two or more courses shall deposit an amount equal to the sum total of the deposits herein specified for the respective courses. A check for the balance of the deposit which shall remain to the credit of the student after his withdrawal from the session will be given to him payable upon application to the Bursar of Columbia University. In case the total charges exceed the deposit the student will be subject to an additional assessment.

The deposit for C.E. 15S shall be \$50; for C.E. 25S, \$50; for C.E. 26S and 26aS, \$25; for C.E. 27S, \$50; for C.E. 28S, \$30; for C.E. 71S, \$35; and for Geodesy 107, \$30.

The deposit for any one survey of Course 15, 25, or 27 shall be \$15.

*Apparatus, Supplies, and Keys to Desks and Lockers.* A deposit for the use of lockers, keys, apparatus, material, and the like, is required of students in certain schools and courses. At the end of the academic year each student will be credited with those articles which he returns in good order, and the value of those he has injured or broken will be deducted from his deposit. Details may be obtained from the Bursar.

### EMPLOYMENT FOR STUDENTS

The University endeavors through the Secretary of Appointments to give to students who need it the opportunity to earn enough for partial support and to extend assistance in other ways. During the current year the student earnings reported amounted to \$185,072.00.

Preference is naturally given, in case of a choice of applicants, to those who, as strangers in New York, are not likely to hear of positions through other channels.

No prospective student should come to Columbia expecting to depend entirely or even largely upon the assistance of the University, and every student should be prepared to meet at least the expenses of the first half-year—say, \$300.<sup>1</sup>

<sup>1</sup> For Medicine and Mines, Engineering and Chemistry, add \$100, for Architecture add \$50. Students in Mines, Engineering, and Chemistry should also make provision for deposits for apparatus ranging from \$10 to \$40 and for Summer Courses.

The chiefs of clinic in the Medical School give advice without charge to students on the employment lists.

Communications relating to above should be addressed to the Secretary of Appointments, Room 316 University Hall.

### APPOINTMENT WORK

The appointment work of Columbia University is divided between two branches: one having headquarters at Columbia University, the other at Teachers College.

The duty of these offices is to assist competent graduates of the University to obtain suitable permanent employment.

Both offices will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible.

No fee is charged for any services rendered.

The office at Columbia University keeps classified lists of those who wish employment in business, in law offices, along social service or public lines, or in technical branches; also in teaching positions in colleges and universities, except those in Education. Communications relating to above should be addressed to the Secretary of Appointments, Room 316 University Hall.

The Committee at Teachers College keeps classified lists of those who desire administrative, supervisory, and teaching positions in normal, secondary, and elementary schools, kindergartens, and hospitals, and for college and university positions in the teaching of Education; that is to say, for any position specific preparation for which is made in Teachers College. Communications should be addressed to the Chairman of the Committee, William A. Maddox, Ph.D., or its Recorder, Miss Isabelle L. Pratt.

### FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES

(See Table of Contents.)

## RELATIONS BETWEEN THE UNIVERSITY AND OTHER INSTITUTIONS

The educational opportunities of students in Columbia University (including Barnard College, Teachers College, and the New York College of Pharmacy) are increased by the close relations of the University with other institutions of instruction and research.

*Museum of Natural History.* The American Museum of Natural History places its collections at the service of advanced students of Columbia University for the purposes of study and research, and provides them with the necessary facilities for work.

*Metropolitan Museum of Art.* The Metropolitan Museum of Art admits students of Columbia University on presentation of cards of introduction from the University, and gives them special facilities for the study of the objects in the Museum.

*New York Botanical Garden.* Columbia University has the privilege of conducting university courses in botany at the New York Botanical Garden and of using its laboratories and floral material, and all courses of instruction given there are open to officers and students of the University without charge. The Director is a member of the Faculty of Pure Science. For a description of the equipment of the Botanical Garden, see the statement of the Department of Botany.

*Theological Seminaries.* The Union Theological Seminary and the General Theological Seminary, both of which are represented on the University Council, admit students of high standing in the University to certain lectures in their regular or special courses without tuition fee. Libraries of the Seminaries, for reference, are open to all qualified students of the University. Reciprocal advantages are offered by the University to

students of the Seminaries who are qualified to register as candidates for the higher degrees. The General Theological Seminary offers a scholarship to graduates of Columbia College.

The University also enjoys reciprocal arrangements with the theological seminaries in the vicinity of New York: the Jewish Theological Seminary (New York), Drew Theological Seminary (Madison, N. J.), St. Joseph's Theological Seminary (Yonkers, N. Y.), the New Brunswick (N. J.) Theological Seminary, and the German Theological Seminary (Bloomfield, N. J.).

The Director of the New York School of Philanthropy is a professor in the University, and the same reciprocal advantages for students exist as in the case of the theological seminaries.

*Hospitals.* Besides the Vanderbilt Clinic and the Sloane Hospital for Women, the general and special hospitals of New York afford important fields for clinical teaching. The College of Physicians and Surgeons is in close alliance with the Presbyterian Hospital, and is strongly represented on the staff of many other institutions, and regular clinical instruction at hospitals is made a prominent feature of the program. In many of these hospitals the fourth-year students are admitted as clinical clerks to serve on the house staff.

*Other Institutions.* There are close informal relations between the University and the Hispanic Society of America, the Rockefeller Institute of Medical Research, the New York Zoological Garden, the New York Aquarium, and the laboratories at Wood's Hole and Cold Spring Harbor. (For the Libraries of the City, see below.)

## THE LIBRARY

The Library contains about 712,000 volumes, exclusive of unbound pamphlets and duplicates, and some 80,000 doctoral dissertations.

Among the notable special collections may be mentioned the Columbiana, 3,500 titles; the Phoenix Library, consisting of 7,000 volumes, the gift of Stephen Whitney Phoenix, of the Class of 1859; the Avery Architectural Library, a collection of about 23,000 volumes relating to architecture and decorative art; the Mary Queen of Scots Library, containing 550 volumes, collected and given by General J. Watts de Peyster; the collection of over 1,200 volumes by and about Goethe; the Immanuel Kant collection of nearly 1,000 volumes; the valuable Townsend Library of National, State, and Individual War Records; the Garden Library, deposited by the Southern Society of New York; the valuable library of the Holland Society of New York, 600 volumes, including the remarkable collection of works of Grotius; the philological library of the late Professor Mortimer Lamson Earle, given by his students and friends, consisting of some 2,500 volumes; the library of Henry Livingston Thomas, late Chief Translator of the Department of State, Washington, given by his son, Dr. William S. Thomas, some 9,000 volumes; the library of the American Mathematical Society, 5,000 volumes; the musical library of Dr. James Pech, consisting of 8,723 pieces; the library of the late George W. Hill, 5,000 volumes on mathematics and astronomy; and a collection of contemporary French literature at the Maison Française. The Library is also the depository for the Reform Club of the City of New York.

*Reading-rooms.* About 15,000 carefully selected reference books and many of the most important works on all subjects, in standard editions, representing the leading authors in all literatures, are placed in the general reading-room directly accessible to all authorized readers. On the same floor, in the north wing, is the periodical reading-room, where are shelved many bound volumes of periodicals, and the current numbers of government documents and periodicals.

For the convenience of undergraduates of Columbia College, there is in Hamilton Hall a College Study. Five thousand carefully selected volumes have been placed in this room as a reference library.

Connected with the stacks in which are stored the books relating especially to Philosophy, Literature, the Languages, the Sociological and Economic Sciences and History, are twenty special study-rooms, open only to authorized readers, which afford to advanced students and investigators in these fields opportunity to carry on their work in quiet rooms in the immediate vicinity of the literature of the subjects under consideration. The various departments of instruction have special libraries in close connection with their laboratories and lecture-rooms.

The Law Library, the Bryson Library of Teachers College, which is the Educational Library of the University, and the carefully selected reference libraries of Barnard College, the College of Physicians and Surgeons, and the College of Pharmacy, are all available to officers and students of the University. Nearly all of the more private or restricted libraries of the city, such as those of the learned societies, are open to officers and to advanced students introduced by the Librarian of the University.

In the basement of the Library, the New York Public Library maintains a branch of its circulation department. The collection contains about 4,000 volumes and 80,000 additional titles are available through the Interbranch Loan System.

By the courtesy of the trustees of Union Theological Seminary the reading-room of that institution is open to students of the University.

*Catalogues.* The general catalogue of the Library is a record of all books, with the exception of the special collections in Law and Medicine, in the possession of the University. In addition to this there are catalogues of department libraries located in department reading-rooms, and a union catalogue which is a record, by authors only, of books not possessed by the University which may be found in the Library of Congress, John Crerar Library, Harvard University, and other libraries.

*Use of the Library.* All officers, students, and graduates of the University have free access to the Library and may draw books for home use. For further information, consult the *Readers' Manual* and *Library Rules*.

Officers of New York University, of the College of the City of New York, of the Hunter College, of the Metropolitan Museum of Art, of the American Museum of Natural History, and principals and heads of departments of the New York High Schools, are granted the same Library privileges as are extended to graduates of Columbia University.

Persons of mature years desiring to engage in definite research which cannot be successfully conducted in the Public or other libraries of this city will be given the privilege of using this library in the building, upon filing a satisfactory application, responsibly indorsed. Blank applications will be furnished by the Librarian on request.

The Library is open each week-day (except Labor Day, Thanksgiving, Christmas, New Year's Day, Good Friday, and Independence Day) from 8:30 a. m. until 10 p. m., during the Winter, Spring, and Summer Sessions of the University; and from 8:30 a. m. to 6 p. m. at other times.

## BOOK STORE

A University book store is maintained in the basement of the School of Journalism building under the auspices of the Columbia University Press, where officers and students may purchase books and stationery at stated discounts from list prices.

## THE GYMNASIUM

(See "Equipment" under Physical Education departmental statement.)



## UNIVERSITY COMMONS

The University Commons, in University Hall, is operated under University supervision for the benefit of officers and students.

## RESIDENCE HALLS

*For Men.* There are three University residence halls on South Field, with accommodations for, approximately, 820 men; Hartley Hall, the gift of Mrs. Helen Hartley Jenkins and Marcellus Hartley Dodge, '05, in memory of the late Marcellus Hartley; Livingston Hall, named in memory of Robert R. Livingston, of the Class of 1765; and Furnald Hall, provided for in the will of the late Francis P. Furnald, in memory of his son, Royal Blackler Furnald, a member of the Class of 1901. Each building is ten stories in height exclusive of basement, and 137 feet long by 64 feet wide. They are lighted by electricity and heated by steam, and have telephone and electric elevator service.

The Halls are built of stone and overburned bricks. The floors and partitions are of the reinforced concrete type, and the construction is considered thoroughly fire-resistant throughout.

Hartley and Livingston each contain 300 rooms, the average size of the bedrooms being 8' 4" x 14' 6" and of the studies 10' 6" x 14'. Furnald contains 294 rooms, the average size of bedrooms being 9' 0" x 14' 9" and of the studies 11' 6" x 13' 6". All the rooms have outside light and exposure, and the arrangement permits of flexibility in renting rooms in suites. There are also several double rooms. All ceilings are nine feet high. Each bedroom has a clothes closet and enameled basin with hot and cold running water. The rooms are provided with heavy oak furniture of mission type. There are four shower baths on each floor. All the water used in the Halls is filtered. The entrance for students to each Hall is from the campus, and leads directly into a large assembly room sixty feet square. This rooms runs up through two stories and has a large open fireplace opposite the entrance. It is furnished in heavy leather-covered oak. At one side of the main entrance is the office of the Hall, and on the other a reception-room. In the basement is space for trunk storage. There are well-equipped infirmaries in each one of the Residence Halls. Rentals range from \$105 for single rooms to \$400 for three-room suites for the academic year of thirty-eight weeks.

The Residence Halls are supervised and controlled by a Council composed of the Comptroller, three University officers, and a representative from each Hall. The Council is assisted by three committees made up of residents in the Halls.

While the Halls are open to all male students of the University, students in Columbia College, in accordance with the desire of the donors, are given the preference in the assignment of rooms in Hartley Hall. Rooms on the third, fourth, and fifth floors of Hartley Hall are reserved for use of College Freshmen only. College Freshmen should make selections from these rooms. A pamphlet containing floor-plans, charges, and the Hall Regulations may be had upon application to the Secretary of the University. Rooms will be assigned in the order of receipt of written applications to be made on a blank provided by the Superintendent of Buildings and Grounds.

*For Women.* Brooks Hall, the residence hall for Barnard College students, on the north side of 116th Street, accommodates ninety students. Full information in regard to the situation and cost of rooms, the advance of deposit, the charge for electric light, and the residence scholarship is published in a separate pamphlet, to be had on application to the Secretary of Barnard College, or to the Mistress of Brooks Hall, Barnard College, New York City.

Whittier Hall, the dormitory of Teachers College, is situated on Amsterdam Avenue, between 120th and 121st Streets, and has accommodations for 455 women. Inquiries



regarding rooms board, and the like should be addressed to the House Director of Whittier Hall, 1230 Amsterdam Avenue.

*Other Accommodations.* Besides these dormitories, there are many good boarding-houses and apartments near the University. The careful selection, inspection, and registration of such lodgings have been undertaken, and a card-catalogue of lodgings for men is kept at Earl Hall, and for women at the office of the Social Director, Teachers College. Many of the Greek-letter fraternities maintain chapter houses near the University.

## PUBLIC WORSHIP AND RELIGIOUS WORK

Service in St. Paul's Chapel, at which attendance is voluntary, is held every week-day during the academic year, except Saturday, at noon, the period from 12 to 12:20 being set aside by the University Council for religious exercises. On Wednesday there is a vesper service at 5:10. Service on Sunday, with addresses by the Chaplain or by a visiting University preacher, is at 4 o'clock. Organ recitals are also frequently given.

The Chaplain holds hours for consultation after daily chapel service and also in the afternoon at Earl Hall. The Chaplain's house is in close proximity to the campus.

Barnard College, twice a week, and Teachers College, daily, hold separate services in their respective chapels.

## EARL HALL

Earl Hall, the home of the religious, philanthropic, and social organizations and interests of the University, is open from 8:30 a. m. to 10 p. m. daily to all students without expense, under the direct management of the Secretary of Earl Hall, who is also Secretary of the University Young Men's Christian Association.

The building may not be used for distinctly dogmatic or denominational religious teaching, but all organizations, the objects of which are to promote the religious and philanthropic life of their student members and of the student body at large, have the privilege of using it for their meetings. While the social purposes of the Hall are necessarily subordinated to the other uses of the building, the Secretary desires to promote the same type of informal personal and social intercourse that prevails in a good club. Provision for the regular meetings of student organizations is made on a day-and-hour schedule, without exclusive use of any of the rooms, in the following order: societies the purpose of which is (1) primarily religious; (2) primarily philanthropic; (3) primarily literary; and (4) miscellaneous student organizations.

The Secretary of the Young Men's Christian Association, the Chaplain of the University, the University Medical Officer, the Graduate Manager of the Athletic Association, and the Graduate Treasurer of King's Crown have offices in this building. During certain hours of the day the managers and other student representatives of organizations, such as the Board of Student Representatives, the Columbian, and the Musical Clubs, may be found here.

## MEDICAL ATTENDANCE

The University Medical Officer, Dr. McCastline, has direct supervision of all matters affecting the health of the student body. All cases of communicable disease occurring in homes of students must be promptly reported to him. As University physician, Dr. McCastline holds office hours daily in Earl Hall for consultation with the students.

For those who are without local family physicians there is a Medical Visitor (Dr. D. S. D. Jessup, 601 West 113th Street) whose duties are to render medical assistance

to such officers and students as may desire it, either at their homes or elsewhere at a remuneration to be arranged between himself and individual patients.

In Hartley and Furnald are well-equipped infirmaries.

### STUDENT ORGANIZATIONS

The various student organizations, while self-governing, are subject to the following regulations: The schedules of public contests and performances must be approved by the University Committee on Student Organization; budgets for expenditure are approved and checked by the Comptroller; the University Committee on Athletics, consisting of three graduates, two students, and two University officers, adopt and administer rules of eligibility not involving questions of scholarship and govern participation in intercollegiate athletics. Provision is made for the election each year by the student body at large of a Board of Student Representatives. The constitution of this board will be found in the pamphlet on Student Organizations, which may be obtained from the Secretary of the University. The members for the current year are: W. S. Robinson, '19, *Chairman*; H. G. Larson, '19; M. J. Buonaguro, '19; N. M. Alexander, '19, *Secretary and Treasurer*; A. S. McCabe, '19; F. W. Rogers, '19; F. R. Sanborn, '19.

The Columbia University Athletic Association was organized in 1909 for the purpose of formulating and maintaining a general athletic policy at Columbia. The annual dues are \$10.00, entitling members to free admission at all home games and also to the use of the Gould Boat House.

King's Crown is an organization aiming to do for non-athletic activities what the athletic association does for athletics. The annual dues are two dollars, entitling members, among other privileges, to discount from the prices of subscriptions to publications and admission to non-athletic performances.

### GREEK-LETTER FRATERNITIES

The following Greek-letter fraternities, given in the order of their establishment, maintain chapters at Columbia University: Alpha Delta Phi; Psi Upsilon; Delta Phi; Delta Psi; Phi Kappa Sigma; Phi Gamma Delta; Phi Kappa Psi; Delta Kappa Epsilon; Zeta Psi; Beta Theta Pi; Delta Tau Delta; Theta Delta Chi; Phi Delta Theta; Delta Upsilon; Sigma Nu; Sigma Chi; Sigma Alpha Epsilon; Phi Sigma Kappa; Theta Xi; Alpha Chi Rho; Alpha Sigma Phi; Zeta Beta Tau; Pi Lambda Phi; Phi Sigma Delta.

# DIVISIONAL AND DEPARTMENTAL STATEMENTS

## INTRODUCTORY

The courses of instruction are numbered in accordance with a plan uniform throughout the University, and attention is called to the following information which the number assigned to a course will in each case indicate.

Odd numbers indicate the Winter Session, even numbers the Spring Session of the academic year. Courses designated 1-21, 2-22, etc., run through the Winter and Spring Sessions beginning in the Winter Session; those designated 4-5, 24-25, etc., begin in the Spring Session; courses designated 1-4, 5-8, etc., run through two complete academic years. Courses numbered between 1 and 100 are, in general, elementary and may not be offered in fulfillment of the requirements for the higher degrees (Masters, Doctors, and Professional Degrees). Courses numbered from 101-200 are primarily for students who hold a first degree but are open to undergraduates who have completed 64 points (for courses in Law, 94 points), including all prescribed work. In general, no such course may be taken without some elementary training in the same or in some allied subject. Courses from 201-300 are restricted to such graduate students who are qualified to pursue the work to advantage. Seminars are numbered from 301 up. Attention is called to the current *Announcement of the Faculties of Political Science, Philosophy, and Pure Science*, and particularly to the fact that the requirements for the degrees of Master of Arts, Master of Science, and Doctor of Philosophy are based upon subjects, and not upon courses. Students should consult the officers of instruction and administration concerned with regard to their selection of courses before registration.

Credit for courses is given in terms of points. Hours indicated are for a Winter or Spring Session.

Any subject of study not appearing in its alphabetical order may be found through the index.

With the exception of the courses in mines, engineering, chemistry, medicine, and law, all courses numbered over 101 are open to women upon the same terms as to men unless specific statement is made to the contrary.

Unless otherwise stated, the number of hours given indicates the hours of classroom work (lectures, conferences, and recitations) per week. When a course involves both class-room work and laboratory or drafting-room work, the former will be indicated by *C* and the latter by *L* and *D* respectively. In courses in medicine, *D* indicates demonstrations. An 'afternoon' implies three hours a day, normally from 1 to 4.

Students should note the distinction between a department and a school. For instance, there are Departments of Civil, Electrical, and Mechanical Engineering and a School of Engineering. The departmental statements which follow have to do only with the giving of the instruction and the opportunities for research in each special branch of study. The information as to the conditions of admission to the courses and the academic credit to be received therefor, will be found under the information relating to Colleges and Schools which follow the Departmental Statements, and in the separately printed *Announcements*.

It is not possible, within the limits of this volume, to give more than the briefest outline of the courses. In the appropriate *Bulletin of Information* published by the University, and distributed without charge upon application to the Secretary, a detailed statement will be found of the scope of each course, the manner of treatment, the courses requisite, and the like.

## AGRICULTURE

*See introductory paragraphs, page 67*

*Professor:* O. S. MORGAN.

*Assistant Professor:* C. W. LARSON.

*Lecturers:* E. W. BENJAMIN, LESLIE M. HAZEN, M. G. KAINS, HARRY R. LEWIS.

*1-2*—Introduction to agriculture. *C* 2 hours, *L* 2 hours, 3 points. Professor O. S. MORGAN.

*101-102*—Advanced agronomy. *C* 1 hour, *L* 6 hours. Full or double course. Professor MORGAN.

## SUMMER SESSION

*s1*—Field crops. Lectures and demonstrations. 2 points. Professor MORGAN.

*s101*—Advanced agronomy. Conference and laboratory. 4 points. Professor MORGAN.

*s3*—Soil management. 2 points. Lectures, laboratory, and excursions. Professor MORGAN.

*s5*—Intensive fruit and vegetable growing. 2 points. Mr. KAINS.

## EXTENSION TEACHING

*e1-2*—Field and forage crops. Lectures and laboratory. 6 points. Professor MORGAN.

*e1a-2a*—Forage and field crops. Section I and II. Lectures and demonstrations. 4 points. With laboratory, 6 points. Professor MORGAN.

*e3-4*—Soils and fertilizers. Lectures and laboratory. 6 points. Professor MORGAN.

*e5*—Poultry raising. Lectures and laboratory. 3 points. Professor BENJAMIN.

*e12*—Farm Machinery. Lectures and demonstrations. 2 points. Professor HAZEN.

*e15*—Tree fruits. Lectures and laboratory. 3 points. Mr. KAINS.

*e16*—Small Fruits. Lectures and laboratory. 3 points. Mr. KAINS.

*e18*—Vegetable culture. Lectures and laboratory. 3 points. Mr. KAINS.

*eX2*—Emergency course. Home vegetable gardening. 1 point. Mr. KAINS.

*eX4*—Emergency course. Quick yielding home fruits. 1 point. Mr. KAINS.

*eX6*—Poultry Raising. Lectures and laboratory. 1 point. Professor LEWIS.

*Equipment.* The work in agriculture is carried on in large part in Schermerhorn Hall. The ample working library is at present lodged in the Botany reading-room. Besides the usual laboratory equipment in field crops, soils, horticulture, and animal husbandry the department has a seventy-six-foot greenhouse. Soil types of the surrounding region are available for plant tests and analysis. Soils from gardens and farms are tested by students. Special research laboratories, with separate temperature and heat control, are provided in the glass-house laboratory. Land for experimental and



demonstration plant-work is located near the glass-house, on the campus. For the graduate work in market surveys many of the industrial plants of New York City furnish unexcelled opportunities.

## ANATOMY

*See introductory paragraphs, page 67*

*Professor:* G. S. HUNTINGTON (*Executive Officer*).

*Assistant Professors:* B. B. GALLAUDET and VERA DANSCHAKOFF.

*Associates:* A. ELWYN and J. C. VAUGHAN.

*Instructors:* R. E. TAYLOR, K. J. LOEWI, F. W. GRAVELLE, G. A. CARLUCCI, J. A. VICTOR, J. D. KERNAN, JR., R. E. CORRY, and O. S. STRONG.

*Assistant:* J. B. HALLAM.

101-102—Histology and embryology. Lectures, conferences, and laboratory work. 12 hours. 8 points. Professors HUNTINGTON and DANSCHAKOFF, Mr. ELWYN and staff.

103-104—Anatomy of the extremities; preliminary visceral anatomy. Demonstrations, recitations, conferences, and dissections. 12 hours. 16 points. Professor GALLAUDET, Dr. VAUGHAN and staff.

105—Anatomy of head, abdomen, and thorax. Demonstrations, conferences, laboratory work, and dissections. 12 hours. 6 points. Professor GALLAUDET, Dr. VAUGHAN and staff.

107—Vertebrate morphology. Anatomy of the body cavities, visceral and topographical course, thorax and abdomen. Lectures combined with demonstrations. 3 hours. 2 points. Professor HUNTINGTON.

109—Anatomy of the mouth, larynx, and pharynx. 3 hours. Professor GALLAUDET.

111—Anatomy of the eye. 3 hours. Professor GALLAUDET.

113—Anatomy of auditory apparatus. 3 hours. Professor GALLAUDET.

114—Topographical anatomy of the thorax. 3 hours. Professor GALLAUDET.

116—Topographical anatomy of the abdomen. 3 hours. Professor GALLAUDET.

118—Topographical anatomy of the male and female genito-urinary tract. 3 hours. Professor GALLAUDET.

120—Regional anatomy of the head and neck. 3 hours. Professor GALLAUDET.

*Equipment.* The laboratory facilities of the department are very complete. The large general dissecting-room accommodates from 390 to 546 students, working in groups of five or seven at one table.

The laboratory for advanced morphological research occupies the third story of the anatomical building. Every facility for advanced and research work in morphology is here extended. The established connections of the department furnish abundant human and comparative material, both mature and embryonal. The private library of the Professor of Anatomy is at the disposal of advanced workers.

*Museum.* Much work has been done in the formation of a Museum of Human and Comparative Anatomy, the ultimate design of which is to present, in as complete a manner as possible, a view of the evolution of the forms of animal life, and of their natural relations both in series of natural groups and in the comparative and relative positions of organs and systems. The collection, both as regards groups and the individual preparations, is designed for the illustration of both elementary and advanced courses.

The second floor of the anatomical building has been furnished throughout with suitable exhibition and demonstration stands. It is the intention of the department to install in this space the portion of the collection most used in the medical courses,

thus establishing an undergraduate teaching museum which will both increase the efficiency of the sectional demonstrations and render the material upon which they are based available at all times for study and research.

A study collection of human osteological preparations is so administered as to enable every student to take out the different osteological series and retain them for private study as long as required.

## ANTHROPOLOGY

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see page 193.

*Professors:* F. BOAS (*Executive Officer*) and M. H. SAVILLE.

*Lecturers:* P. E. GODDARD and A. GOLDENWEISER.

1-2—General introductory course. 2 hours and visits to the American Museum of Natural History. 6 points. Professor BOAS.

3-4—Social psychology. 3 hours and visits to the American Museum of Natural History. 8 points. Professor BOAS (Barnard).

101-102—Introduction to anthropology. 2 hours. Half or full course. Professor BOAS.

105-106—Anthropometry biometrical methods. 2 hours. Full course. Professor BOAS.

117-118—Languages of North America—Introductory course. 2 hours. Full course. Professor BOAS.

139-140—General ethnology—Religion and social organization. Dr. GOLDENWEISER.

203-204—Research work in anthropology. Professor BOAS, Dr. GOLDENWEISER, and Dr. GODDARD.

303-304—Colloquium. Dr. GOLDENWEISER.

The collections of the American Museum of Natural History may be used by students of anthropology.

ARABIC (See page 146)

## ARCHITECTURE

*See introductory paragraphs, page 67*

*Professors:* A. D. F. HAMLIN and W. A. BORING.

*Assistant Professors:* C. A. HARRIMAN and C. P. WARREN.<sup>1</sup>

*Curator:* R. F. BACH.

*Associate:* A. WARE.

*Instructor:* G. M. ALLEN.

*Other Officers of Instruction:* H. W. CORBETT, J. C. GREGORY, J. LAUBER, and H. V. WALSH.

1-2—The elements of architecture. C 1 hour and work in drafting-room. Professor HARRIMAN.

5—Shades and shadows. C 3 hours and work in drafting-room. Mr. ALLEN.

6—Descriptive geometry. C 3 hours. Mr. ALLEN.

7—Perspective. C 2 hours and work in drafting-room. Mr. ALLEN.

8—Stereotomy. C 1 hour and work in drafting-room. Mr. ALLEN.

<sup>1</sup> Deceased, October 16, 1918.

12a—Mechanical equipment of buildings. *C* 2 hours. Mr. WALSH. (Equivalent to regular course *A11*.)

12—Specifications. *C* 2 hours. Mr. WALSH.

16—Building materials and construction. *C* 2 hours and work in drafting-room. Mr. WALSH. (Given as *A 16* in 1918-1919, but covering entire subject matter of *A15, 16*.)

18—Architectural engineering. *C* 2 hours and work in drafting-room. Mr. WALSH. (Given as *A18* in 1918-1919, but covering entire subject matter of *A27, 18*.)

21—History of ancient architecture. *C* 2 hours. Professor HAMLIN. (Subject matter of *A22* will not be given in 1918-1919; *A21* will cover ground regularly assigned to *A21*.)

23—History of medieval and oriental architecture. *C* 4 hours. Professor HAMLIN. (Given as *A23* in 1918-1919, but covering entire subject matter of *A23, 24*.)

[25-26—Renaissance and modern architecture. *C* 2 hours. Professor HAMLIN.]

27—Historic research—ancient and medieval architecture. Equivalent of 4 hours weekly in library during first half-year. Professor HAMLIN and Curator BACH.

28—Historic research—Renaissance, modern and oriental architecture. Equivalent of 4 hours weekly in library during second term. Professor HAMLIN and Curator BACH.

31—Ancient ornament. *C* 2 hours and work in drafting-room. Professor HAMLIN. (Given as *A31* in 1918-1919, but *A31* will cover subject matter of *A31, 32*.)

33—Medieval and oriental ornament. *C* 2 hours and work in drafting-room. Professor HAMLIN. (Given as *A33* in 1918-1919, but covering entire subject matter of *A33, 34*.)

[35-36—Modern ornament. *C* 1 hour and work in drafting-room. Professor HAMLIN.]

42—Decorative arts. *C* 1 hour and research. Curator BACH.

51—Principles of planning. *C* 1 hour. Professor BORING.

52—Principles of composition. *C* 1 hour. Professor BORING.

54—Principles of composition—Advanced. *C* 1 hour. Professor BORING.

61-62—Elementary design. Major and minor problems. Professor BORING, Mr. WARE, Mr. CORBETT, and Mr. WALSH.

63-64—Intermediate design. Major and minor problems. Professor BORING, Mr. WARE, Mr. CORBETT, and Mr. WALSH.

65-66—Advanced design. Major and minor problems. Professor BORING, Mr. WARE, Mr. CORBETT, and Mr. WALSH.

67-68—Thesis. An important final problem, last year. Professor BORING, Mr. WARE, Mr. CORBETT, and Mr. WALSH.

71-78—Drawing. *D* 4 hours weekly throughout four years. Freehand drawing, pen and ink, and water colors from the cast, still-life, and living model. Professor HARRIMAN and Mr. LAUBER.

72a, 74a, 76a—Summer work. Curator BACH.

80—Modeling. 4 hours weekly. Mr. GREGORY.

[92—History of painting. *C* 1 hour and research. Curator BACH.]

[94—History of sculpture. *C* 1 hour and research. Curator BACH.]

117-118—Advanced construction. Problems in structural design, with accompanying details and specifications. Professors BORING, Mr. WARE, Mr. CORBETT, and Mr. WALSH.

121-122—Ancient architecture. *C* 2 hours. Professor HAMLIN.

221-222—Historic research: Ancient architecture. Equivalent of 4 hours weekly in library. Professor HAMLIN and Curator BACH.

123-124—Medieval and oriental architecture. *C* 2 hours. Professor HAMLIN.

223-224—Historic research: Medieval and oriental architecture. Equivalent of 4 hours weekly in library. Professor HAMLIN and Curator BACH.

- 125-126—Renaissance and modern architecture. C 2 hours. Professor HAMLIN.  
 225-226—Historic research: Renaissance and modern architecture. Equivalent of 4 hours weekly in library. Professor HAMLIN and Curator BACH.  
 161-162—Graduate design. Major and minor problems. Professor BORING, Mr. WARE, and Mr. CORBETT.  
 321-322—Graduate research. Four essays upon subjects selected by the student and approved by the Professor of the History of Architecture, involving original research and study in the Avery library and the Metropolitan Museum of Art, to the extent of approximately 10 hours per week throughout the year. Professor HAMLIN.  
*Math. 1*—Advanced Algebra. C 3 hours. Professor SICELOFF.  
*Math. 4*—Analytical Geometry. C 3 hours. Professor SICELOFF.  
*Math. 55*—Calculus. C 3 hours. Professor MACLAY.  
*Mech. 9*—Statics. C 3 hours. Professor BURNSIDE.

## STUDENTS' ARMY TRAINING CORPS

- Camouflage 1a*—C 6 hours and 5 hours field work. Professor BORING, Curator BACH, and Captain TOWLE.  
*War Freehand Drawing 1a*—C 6 hours. Mr. LAUBER and Mr. ALLEN.

## SUMMER SESSION

- sF*—Freehand drawing. C 3 hours and work in drafting-room. 2 points. Mr. ALLEN.  
*s7*—Perspective. C 6 hours and work in drafting-room. 3 points. Mr. ALLEN.  
*s61-62*—Elementary design. Major and minor problems. 6 points. Mr. WARE.  
*s63-64*—Intermediate design. Major and minor problems. 6 points. Mr. WARE.  
*s65-66*—Advanced design. Major and minor problems. 6 points. Mr. WARE.  
*s67-68*—Thesis. 4 points. Mr. WARE.

## EXTENSION TEACHING

- e6*—Descriptive Geometry. C 3 hours and work in drafting-room. 4 points. Mr. ALLEN.  
*e6a*—Shades and shadows. C 3 hours and work in drafting-room. 4 points. Mr. ZOLLER.  
*e7*—Perspective. C 2 hours and work in drafting-room. 3 points. Mr. ALLEN.  
*e8a*—Perspective. C 2 hours and work in drafting-room. Mr. ALLEN.  
*e11*—Mechanical equipment of buildings. C 2 hours. 3 points. Mr. HAMMEL.  
*e12*—Specifications. C 2 hours. 3 points. Mr. SANDERS.  
*e15-16*—Building materials and construction. C 2 hours. 6 points. Mr. HAMMEL.  
*e19-20*—Structural design. C 2 hours. 6 points. Mr. HAMMEL.  
*e27*—Ancient architecture. C 2 hours. 2 points. Curator BACH.  
*e28*—Medieval architecture. C 1 hour. 2 points. Curator BACH.  
*e31-32*—Ancient ornament. C 1 hour. 2 points. Mr. HAMLIN.  
*e35-36*—Modern ornament. C 1 hour. 2 points. Mr. HAMLIN.  
*e51*—Principles of planning. C 1 hour. 2 points. Professor BORING and Mr. CORBETT.  
*e52*—Principles of composition. C 1 hour. 2 points. Professor BORING and Mr. CORBETT.  
*e61-62*—Elementary design. Mr. WARE and Mr. CORBETT.  
*e63-64*—Intermediate design. Mr. WARE and Mr. COEBETT.  
*e65-66*—Advanced design. Mr. WARE and Mr. CORBETT.  
*e67-68*—Thesis. Mr. WARE and Mr. CORBETT.  
*e71-72*—Drawing. D 4 hours. Professor HARRIMAN.  
*e75-76*—Drawing. C 4 hours. 4 points. Professor HARRIMAN.  
*e80*—Drawing. C 4 hours. 2 points. Professor HARRIMAN.



e82—Modeling. C 3 hours. 2 points. Mr. GREGORY.

*Military Camouflage* e1—C 8 hours. Curator BACH and Captain H. L. TOWLE.

*Marine Camouflage* e1—C 8 hours. Professor BEMENT and Curator BACH.

*Equipment.* The School of Architecture occupies three complete floors in Avery Hall. The provision of rooms for lectures, drawing, drafting, and study is ample, and the drafting-rooms on the upper floor are well lighted and convenient. Two rooms are set aside for the study of books and photographs, and there is a large exhibition room for Design and other current work.

The Avery Architectural Library, consisting of about 23,000 volumes relating to architecture and allied arts occupies the ground floor of the building. It is open to the public daily (except Sundays and holidays) from 9 a. m. to 10 p. m. Its abundance of material is available for purposes of study and illustration in the School.

In addition to this, the School possesses, in its own departmental library, a collection of about 18,000 photographs and several hundred books, a classified library of many thousands of prints and plates, and a large number of original drawings, including examples of architectural draftsmanship from the École des Beaux-Arts at Paris and from many other sources. A collection of about 15,000 lantern slides is in daily use for illustrating lectures on the history and theory of architecture, painting, and sculpture, on ornament and the allied arts, as well as landscape and civic design. The School also possesses a valuable collection of casts for use in the drawing-rooms and for general illustrative purposes. The illustrative material on construction and architectural engineering is also extensive, comprising a large variety of building materials and appliances and a number of structural models specially prepared for the School.

ARMENIAN (See page 145)

ASSYRIAN (See page 146)

## ASTRONOMY

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professor:* H. JACOBY.

I-2 (identical). General astronomy, introductory course. 2 or 3 points. Professor JACOBY (Barnard).

105—Geodesy—Brief history of geodetic operations and description of instruments, including their adjustment and use. 2 hours. Professor JACOBY.

106—Geodesy and practical astronomy. C 1 hour, L 3 hours. Professor JACOBY.

205-206—Astronomic theories: and the reduction of photographic star plates. 1 hour with practical work for two years. Professor JACOBY.

## STUDENTS' ARMY TRAINING CORPS

*Student Army Training Corps*—War astronomy. 3 hours. Professor JACOBY.

## SUMMER SESSION

51-51a—Introduction to the science. Professor JACOBY.

5103—Navigation. Professor JACOBY.

1075—Geodetic surveying. 3 points. Professor JACOBY, Mr. BOWIE, and assistants.

*Equipment.* The Wilde Observatory contains an equatorial telescope, with clock work and accessories. The University has also a very complete collection of instru-

ments for the application of astronomy to geodesy, including a Bamberg universal combined prismatic transit and zenith telescope, of 4-inch aperture; a Wanschaff zenith telescope of 8-cm. aperture, suitable for latitude measures of the highest precision; two Wanschaff 8-inch microscope theodolites; two Fauth 8- and 10-inch microscope theodolites; secondary bar base and invar tape base apparatus, with stretching machines; complete outfit of engineer's instruments, sextants, apparatus for barometric hypsometry, clocks, chronometers, electric chronographs, etc.; five computing machines.

For the advanced study of astronomy proper, there are special facilities including two Repsold measuring machines of the latest type and a large collection of original astronomical photographs, suitable for measurement and reduction. These photographs were made by Gill at the Cape of Good Hope, Rutherford at New York, Donner at Helsingfors, Henry at Paris, Campbell at Mt. Hamilton, etc. Funds are provided for the publication of researches in astronomical photography. (See University Bibliography.)

In addition, there are a number of unmounted instruments, including Lewis Morris Rutherford's famous 13-inch equatorial, with its attachments.

*Library.* The University Library is especially strong in astronomy. Among other important collections, it contains the private library of the late Dr. Otto Struve, formerly director of the Pulkowa Observatory.

## BACTERIOLOGY

*See introductory paragraphs, page 67*

*Professor:* H. ZINSSER (*Executive Officer*).

*Associate:* JAMES G. DWYER (*Acting Executive Officer*).

*Instructors:* R. OTTENBERG, H. R. MILLER, F. HULTON-FRANKEL, S. M. POLSON.

*Assistant:* F. KRASNOW.

101—General bacteriology. For medical students. 6 hours. Drs. DWYER, FRANKEL, POLSON, PARKER.

201—Advanced bacteriology. 18 hours. Drs. DWYER, FRANKEL, POLSON.

203—Special bacteriology. The study of known species of bacteria and their chemical products, and original investigations. Dr. DWYER and staff.

205—The principles of infection, immunity, serum diagnosis, and therapy. 1 hour. Dr. OTTENBERG.

208—A practical laboratory course in the technique of serum study. 6 hours. Drs. OTTENBERG and FRANKEL.

209-210—Clinical bacteriology. 4 hours. Dr. DWYER.

211-212—Clinical serology. 6 to 8 hours for one-half semester. Dr. OTTENBERG and assistants.

251-252—Research in bacteriology. Time varies individually. Dr. DWYER and staff.

## BIOLOGICAL CHEMISTRY

(*Nutrition*)

*Professor:* W. J. GIES (*Executive Officer*).

*Associates:* B. HARROW.

*Instructor:* M. KARSHAN.

*Assistants:* S. GITLOW, C. WEISMAN.

51-52—Nutrition (physiological chemistry). C, D, R, 2 hours; L 6 hours. Professor GIES, Drs. HARROW, GITLOW, and WEISMAN, and Mr. KARSHAN.

251-252—Research in biochemistry. L 16 hours. Professor GIES.

301-302—The members of the teaching staff, candidates for the A.M. and Ph.D. degrees, and all other investigators in the department, meet weekly to discuss results of recent researches in chemical biology; 2 hours; open to all students in the University.

See the Announcement of the School of Practical Arts of Teachers College for a statement of courses given there in physiological chemistry.

#### SUMMER SESSION

5101—Biological chemistry. C and D 5 hours, L 10 hours. Professor GIES.

5251—Research, including investigation in dental chemistry. Professor GIES.

*Biochemical Research.* Biochemical research may be conducted by advanced workers, independently or under guidance. Professor GIES consults regularly with investigators in the departmental laboratories; also in the laboratory of pathological chemistry of Bellevue Hospital and at the New York Botanical Garden.

*Library.* Professor GIES's library occupies a room adjoining the main laboratory at the medical school and is accessible, by appointment, to all workers in the department. The library contains 3,000 volumes and 10,000 classified separates.

*Equipment.* The headquarters of the Department of Biological Chemistry are at the College of Physicians and Surgeons, where thirteen rooms are well equipped for experimental work. Two of the rooms will each accommodate about seventy workers at a time. Eleven smaller rooms are specially fitted up for experimental investigations by advanced students.

The laboratory of physiological chemistry at Teachers College is situated on the fourth floor of the Household Arts building. It contains two rooms fully stocked with apparatus and chemicals. The larger of these rooms will accommodate thirty-five workers at a time. The smaller room is intended for work by advanced students.

*Biochemical Association.* The Columbia University Biochemical Association holds quarterly scientific meetings, which are open to all students in the University. The association publishes the *Biochemical Bulletin*, which is now in its sixth volume.

#### BIOLOGY

Twelve courses in biology (elementary human anatomy and physiology, introduction to biology, human biology, biology in sex-education, biological nature study, applied biology—advanced course, elementary microbiology, including bacteriology, special problems in applied biology, the teaching of biology) are offered under the direction of Teachers College. For details see the current *Announcement of the School of Practical Arts*.

#### BOTANY

See introductory paragraphs, page 67

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* R. A. HARPER (*Executive Officer*) and H. M. RICHARDS.

*Associate Professor:* C. C. CURTIS.

*Assistant Professor:* T. E. HAZEN.

*Instructors:* B. O. DODGE and Miss H. M. RUSK.

*Lecturer:* Mrs. H. M. RICHARDS.

*Assistant:* Miss C. L. CAREY.

Certain graduate courses at the New York Botanical Garden are also given, either wholly or in part, by members of the Garden staff.

1-2—General botany. C 2 hours, L 4 hours. 8 points. Professor CURTIS.

3-4—Plant morphology. *C* 2 hours, *L* 4 hours. 8 points. Professor CURTIS and Dr. DODGE.

5—Elementary plant pathology. *C* 1 hour, *L* 3 hours. 3 points. Dr. DODGE.

6—Economic botany. *C* 1 hour, *L* 3 hours. 3 points. Dr. DODGE.

7—Growth and character of timber. *C* 1 hour, *L* 3 hours. 2 points. Professor CURTIS.

9-10—Botanical problems. Introductory to research. Professors HARPER and CURTIS, and Dr. DODGE.

103-104—Structure and development of plants. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor CURTIS and Dr. DODGE.

113-114—Morphology of the higher plants. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor CURTIS.

115-116—Mycology. Advanced work. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor HARPER and Dr. DODGE.

117-118—Cytology. General physiology of organisms. *C* 2 hours, *L* 6 hours. 6 or 10 points. Professor HARPER and Dr. DODGE.

121-122—Morphology and cytology of Bryophytes and Pteridophytes. 6 or 10 points. Professor HARPER.

201-202—Research in physiology. 8 or 16 points. Professors RICHARDS and CURTIS.

209-210—Problems in physiology of nutrition—treated from a chemical standpoint. 8 or 16 points. Professors RICHARDS and GIES.

211-212—Plant pathology. 8 or 16 points. Professor HARPER, Dr. MURRILL, Dr. SEAEVER, and Dr. DODGE.

217-218—Embryology of spermatophyta. With special work during two summers, 8 or 16 points. Professors CURTIS and HAZEN.

219-220—Problems in morphology. Directed by members of the department and Botanical Garden staff. 8 or 16 points.

227-228—Taxonomy. Directed by members of the Botanical Garden staff. 8 or 16 hours.

235-236—Plant distribution. 8 or 16 points. Professor BRITTON and other members of the staff.

241-242—Research on the physiology of the cell and reproduction. 8 or 16 points. Professor HARPER.

243-244—Plant breeding. 8 or 16 points. Dr. STOUT.

301-302—Seminar. 2 hours. 2 points. Professor HARPER.

## BARNARD COLLEGE

51-52—Principles of plant morphology and physiology. *C* 2 hours, *L* 4 hours. 8 points. Professor RICHARDS, Miss RUSK, and Miss CAREY.

53-54—General morphology and development of plants. *C* 2 hours, *L* 4 hours. 8 or 10 points. Professor HAZEN.

55-56—Morphology and classification of spermatophytes. *C* 1 hour, *L* 4 or 6 hours. 6 or 8 points. Professor HAZEN.

151-152—Bacteria and ferment fungi. *C* 2 hours, *L* 6 hours. Professor RICHARDS and Miss RUSK.

153—Anatomy of vascular plants. *C* 2 hours and a minimum of *L* 6 hours. 5 points. Mrs. RICHARDS.

[154—Physiology of plants from standpoint of nutrition. *C* 2 hours and a minimum of *L* 6 hours. 3 or 5 points. Professor RICHARDS and Mrs. RICHARDS. Not given in 1918-1919.]



156—Physiology of plants from standpoint of growth. C 2 hours and a minimum of L 6 hours. 3 or 5 points. Professor RICHARDS and Mrs. RICHARDS.

158—Structure and development of algae—Advanced course. C 1 hour, L 8 hours. 4 or 5 points. Professor HAZEN.

159—Structure and development of fungi—Advanced course. C 1 hour, L 8 hours. 4 or 5 points. Professor RICHARDS.

160—Embryology and laboratory methods. L 8 hours, lectures, and outside reading. 4 points. Professor HAZEN.

161-162—Advanced physiology and morphology. Work will be arranged to suit the needs of the students. 8 or 16 points. Professors RICHARDS and HAZEN and Mrs. RICHARDS.

Colloquium for the review of current botanical literature bi-weekly.

A botanical conference is held monthly at the library of the New York Botanical Garden, where members of the staff and students either present the results of their own work or review the progress of botanical research and publication elsewhere.

#### SUMMER SESSION

51-51a—The nature of plants. 4 or 2 points. Professor CURTIS and assistant.

5103-103a—Morphology of the cryptogams; algae and fungi—mosses and ferns in alternate years. Algae and fungi in 1917. Dr. DODGE and assistant.

5104-104a—Seed plants. Dr. DODGE and assistant.

5241-5241a—Research. Professor CURTIS.

#### EXTENSION TEACHING

e1-2—Nature and development of plants. C 2 hours, L 4 hours. 4 points. Dr. DODGE and Mr. NISHIMURA.

e1a-2a—General botany. C 1 hour, L 2 hours. 2 points. Dr. DODGE and Mr. NISHIMURA.

e3-4—Edible and poisonous fungi. L 4 hours. 2 points. Dr. DODGE.

e5-6—2 points. Professor HARPER.

*Equipment.* The Department of Botany occupies the third floor of Schermerhorn Hall, and the laboratories and lecture-rooms are well equipped with apparatus and material for morphological and physiological work.

Similar opportunities are offered to women in the laboratories at Barnard College.

Special laboratories are devoted to work in general and cellular physiology and are provided with micro-photographic equipment and a Zeiss ultraviolet microscope. All necessary apparatus and reagents are available for general histological and cytological work. Provision is also made for work on the metabolism of cells and their reactions to physical stimuli. The equipment includes apparatus for the study of the effects of various thermal, light, and gravitational stimuli on protoplasmic activities, a photometer and electrical measuring instruments such as a delicate d'Arsonval galvanometer, millimeters, resistance measuring instruments, etc., for the study of electro-physiological problems.

#### CHEMICAL ENGINEERING

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Honorary Professor:* L. H. BAEKELAND.

*Professors:* D. D. JACKSON (*Executive Officer*) and R. H. MCKEE.

*Assistant Professor:* S. A. TUCKER.

*Associate:* H. B. FABER.

*Assistant:* S. T. LEO.

*Lecturers:* C. E. DAVIS and F. A. STRAUSS.

- 148—Chemical factory machinery. 2 hours. Professors BAEKELAND and McKEE.  
 161—Engineering and fuel chemistry. L 2 afternoons. Professor JACKSON and Dr. DAVIS.  
 162—Engineering and fuel chemistry. L 2 afternoons. Professor JACKSON and Dr. DAVIS.  
 180—Industrial chemistry, general. 3 hours. Professor JACKSON.  
 181—Industrial inorganic chemistry. 3 hours. Professor JACKSON.  
 185—Industrial organic chemistry. 2 hours. Professor McKEE.  
 186—Applied colloid chemistry. 2 hours. Professor JACKSON.  
 189—Dye intermediates laboratory. 1 afternoon. Professor McKEE.  
 198—Chemical factory management. 2 hours. Professor McKEE.  
 201—Factory equipment and design. C 1 hour, L 1 afternoon. Professor McKEE.  
 295—Industrial conferences. 2 hours. Professors JACKSON and McKEE.  
 296—Industrial conferences. 2 hours. Professors JACKSON and McKEE.  
 297-298—Industrial chemistry research, L 5 afternoons. Professors JACKSON and McKEE.  
 191—Intermediates and explosives. Three hours. Professor McKEE.

## STUDENTS' ARMY TRAINING CORPS

- 1H—(same as 181 above).  
 1N—(same as 161 above).  
 1L—(same as 185 above).  
 1M—(same as 201 above).  
 W192—Treatment of water and sewage. 2 hours. Professor JACKSON.  
 W188—Chemical engineering laboratory. 2 afternoons. Professor McKEE, Dr. DAVIS, and Mr. FABER.  
 W186—Applied colloid chemistry. 2 hours. Professor JACKSON.  
 W148—Chemical factory machinery. 2 hours. Professor McKEE.

## ORDNANCE

Ordnance school course. Explosives manufacture. 6 days a week. Professors McKEE, JACKSON, and Mr. FABER.

## SIGNAL CORPS

Signal corps school of military photography. 6 days a week. Professor JACKSON.

## SUMMER SESSION

- s80—Factory inspection. Professors JACKSON and McKEE.  
 s161—Engineering and fuel chemistry. L 4 afternoons. Professor JACKSON and Dr. DAVIS.  
 s182—Industrial chemistry, general. 5 hours. Professor JACKSON.  
 s188—Chemical engineering, laboratory. 5 weeks, 8:30 a. m. to 4:30 p. m. Professor McKEE, Dr. DAVIS, and Mr. FABER.  
 s170—Organic chemistry in the industries. L 5 hours. Professor McKEE.  
 s297—Chemical engineering research. During the summer. Professors JACKSON and McKEE.

## APPLIED ELECTROCHEMISTRY

183-184—Electrochemistry. C 2 hours, L 1 afternoon. Mr. STRAUSS and assistant. *Equipment.* In Havemeyer Hall the Chemical Engineering Department is provided with space for its museum, lecture-rooms, and laboratories, and every convenience

has been furnished for both the instructors and students working in the general or special courses.

The Chandler Museum of General Inorganic and Organic Chemistry and of the Chemical Arts, a large room occupying the whole left wing of the ground floor, contains the elements and all their more important compounds, inorganic and organic; materials and products illustrating the chemical arts and numerous models, pictures and diagrams.

The Laboratory of Chemical Engineering for the instruction of students in practical application and the solution of problems in connection with the chemical industries, is equipped for the manufacture of pure chemicals from their raw materials on a large scale, with batteries of steam evaporators, and with stills, centrifugals, filter presses, crushers, vacuum dryers, multiple effect evaporators, and general apparatus for industrial research.

The Laboratory for Applied Electrochemistry is equipped with special motor-dynamos, one of which furnishes direct current at low voltages to the students' desks for general electrolytic work; the other provides heavy alternating current to the electric furnace-room; this room is furnished with all appliances for electric furnace work. The students' desks are fitted with special switchboards and measuring instruments, and the laboratory has been arranged for carrying on research work in all branches of electrochemistry.

The Furnace-Room includes standard types of pot furnaces, muffle furnaces, oven furnaces, and a rotary furnace equipped with an automatic heat control device. This apparatus taken in conjunction with the electric furnaces covers a wide range of heating operations.

A laboratory for Engineering and Fuel Chemistry has recently been installed. The equipment includes standard types of apparatus for industrial water analysis and treatment, solid, liquid, and gaseous fuel analysis, petroleum distillation, examination and testing of lubricants, coal grinding and sampling gas and fuel calorimeters, etc.

The Chemical Library in Havemeyer Hall is supplied with an extensive collection of books on chemistry and chemical engineering, and is open from 9 a. m. to 5 p. m., and during the session of the University from 8 to 11 p. m.

The following lectures were also given for the benefit of the students in Chemical Engineering: 'Electrochemistry', C. P. Townsend; 'Paranitranilin', Frederick Pope; 'Dye Intermediates', J. Merritt Matthews; 'Pressure Filtration', E. J. Sweetland; 'Evaporation and Drying', Henry E. Jacoby; 'Reverse Filtration', Henry B. Faber; 'Centrifugals and their Use in Chemical Plants', F. A. Tolhurst; 'Electrolytic Cells in the Chemical Industry', H. I. Allen.

## CHEMISTRY

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* M. T. BOGERT, J. L. R. MORGAN, H. C. SHERMAN, and ALEXANDER SMITH (*Executive Officer*).

*Associate Professors:* H. T. BEANS, T. B. FREAS, J. KENDALL, J. M. NELSON, and M. REIMER.

*Assistant Professors:* C. D. CARPENTER, E. KELLER, A. C. NEISH, and J. E. ZANETTI.

*Instructors:* Drs. H. A. FALES, H. L. FISHER, A. W. THOMAS, Messrs. P. C. HAESELER, R. J. MOORE, and S. J. KIEHL, Mrs. G. P. RICE, and K. KULLMANN.

*Assistants:* M. E. BALDWIN, WM. E. MORGAN, N. E. JOHANN, M. L. WASHBURN, C. M. HOKE, A. H. WRIGHT, H. KOENIG, A. R. THOMPSON, G. E. LANDT, and S. P. BURKE.

*Lecturer:* LUCIA SMITH.

Courses given in Havemeyer Hall, numbered between 100 and 200, may be closed to women at the discretion of the instructor.

#### INORGANIC CHEMISTRY AND QUANTITATIVE ANALYSIS

*A1*—General elementary chemistry. *C* 3 hours, *L* 2 hours. 4 points. Professor NEISH and assistants.

*A2*—General elementary chemistry. *C* 3 hours, *L* 2 hours. 4 points. Mr. HAESELER and assistants.

*3-4*—General inorganic chemistry. *C* 3 hours, *L* 6 hours. 10 points. Professor SMITH, Mr. MOORE, Mr. HAESELER and assistants.

*6-7*—General inorganic chemistry. *C* 3 hours, *L* 6 hours. 10 points. Professor NEISH and assistants.

*11-12*—Qualitative analysis. *C* 2 hours, *L* 6 hours. 9 points. Mr. HAESELER and Mr. KULLMANN.

*14-15*—Qualitative analysis. *C* 2 hours, *L* 6 hours. 9 points. Mr. KULLMANN.

*101-102*—Advanced inorganic chemistry. *C* 2 hours. 2 half courses. Professor SMITH.

*103-104*—Experimental inorganic chemistry. *C* 1 hour, *L* 6 hours. 2 full courses. Professor CARPENTER.

*203*—Laboratory administration. *C* 1 hour, *L* 6 hours. 1 full course. Professor FREAS.

*206*—Theories of Solutions. 2 hours. 3 points. Professor KENDALL.

*207-208*—Inorganic chemistry, special topics. *C* 2 hours. 2 half courses. Professor FREAS.

*215-216*—Seminar in inorganic and analytical chemistry. *C* 2 hours. 2 half courses. Professors BEANS, KENDALL, NEISH, and ZANETTI.

*217-218*—Inorganic chemistry, research. *L* 20 hours. 2 double courses. Professors SMITH, FREAS, ZANETTI, and KENDALL.

#### PHYSICAL CHEMISTRY

*121-122*—Physical chemistry, general course. *C* 3 hours, *L* 3 hours. Professor MORGAN and assistant.

*123-124*—Experimental physical chemistry. *C* 1 hour, *L* 6 hours. Professor KENDALL.

*126*—Experimental physical chemistry. *C* 1 hour, *L* 6 hours. Professor KENDALL.

*225-226*—Seminar in physical chemistry. *C* 2 hours. Professor MORGAN.

*227-228*—Physical chemistry, research. *L* 20 hours. Professor MORGAN.

#### ORGANIC CHEMISTRY

*41-42*—Organic chemistry, elementary course. *C* 3 hours, *L* 6 hours. 12 points. Professor NELSON and Dr. FISHER.

*46*—Elementary organic chemistry. *C* 3 hours, *L* 6 hours. 6 points. Dr. FISHER and assistant.

*141-142*—Organic chemistry. *C* 3 hours. Dr. FISHER.

*149 or 150*—Organic chemistry, advanced laboratory, analytic *C* 1 hour, *L* 6 hours. 4 points. Dr. FISHER.



151 or 152—Advanced organic chemistry synthetic. C 1 hour, L 6 hours. 4 points. Professor NELSON.

153-154—General organic chemistry. C 2 hours. 153, 2 points; 154, 3 points. Professor NELSON.

255-256—Seminar in organic chemistry. C 2 hours. 6 points. Professor NELSON and Dr. FISHER.

257-258—Organic chemistry, research. L 20 hours. 12 points. Professor NELSON.

#### ANALYTICAL CHEMISTRY

63—Quantitative analysis. C 2 hours, L 9 hours. 6 points. Dr. FALES.

64—Quantitative analysis, inorganic. C 1 hour, L 3 hours. 2 points. Dr. FALES.

66—Quantitative analysis, inorganic. C 1 hour, L 6 hours. 4 points. Dr. FALES.

161-162—Theory of inorganic chemical analysis. C 2 hours. 161, 2 points; 162, 3 points. Dr. FALES.

163 or 164—Quantitative analysis, inorganic, advanced course. L 12 hours and conferences. 4 points. Dr. FALES.

267-268—Quantitative analysis, research. L 5 afternoons. 12 points. Dr. FALES.

#### FOOD CHEMISTRY, ORGANIC, AND SANITARY ANALYSIS

173—Chemistry of food and sanitation. C 2 hours. 3 points. Professor SHERMAN and assistant.

175—Chemistry of food and nutrition. C 2 hours. 3 points. Professor SHERMAN and assistant.

176—Food analysis. C 1 hour, L 6 hours. 4 points. Professor SHERMAN and assistant.

177—Organic analysis. C 1 hour, L 6 hours. 4 points. Professor SHERMAN and assistant.

275-276—Seminar in food chemistry. C 2 hours. 6 points. Professor SHERMAN.

277-278—Food chemistry, research. L 12 hours. 12 points. Professor SHERMAN.

#### STUDENTS' ARMY TRAINING CORPS

*War Chemistry 1A* (equivalent to Chemistry A1). Dr. A. C. NEISH.

*War Chemistry 1B* (equivalent to Chemistry 3). Professor ALEX. SMITH and Mr. R. J. MOORE.

*War Chemistry 1C* (equivalent to Chemistry 7). Dr. A. C. NEISH.

*War Chemistry 1D* (equivalent to Chemistry 11). Mr. P. C. HAESLER and Mr. K. KULLMANN.

*War Chemistry 1E* (equivalent to Chemistry 15). Mr. P. C. HAESLER and Mr. KARL KULLMANN.

*War Chemistry 1F* (equivalent to Chemistry 41). Professor J. M. NELSON.

#### COURSES AT BARNARD

5-6—General inorganic chemistry. C 3 hours, L 2½ hours. 8 points. Professors REIMER and KELLER, Mrs. RICE, Miss SMITH, Miss KOENIG, and Miss THOMPSON.

41-42—Organic chemistry. C 3 hours, L 6 hours. 12 points. Professor REIMER.

42a—Organic chemistry, elementary course. C 3 hours, L 6 hours. 6 points.

63—Qualitative analysis. C 3 hours, L 6 hours. 6 points. Professor KELLER.

64—Quantitative analysis. C 3 hours, L 6 hours. 6 points. Professor KELLER.

65-66—Quantitative analysis, advanced course. C 1 hour, L 6 hours. 8 points. Professor KELLER and Miss SMITH.

*105-106*—Inorganic chemistry, advanced course. *C* 3 hours, *L* 6 hours. 12 points. Professor KELLER.

*145-146*—Organic chemistry, advanced course. *C* 3 hours, *L* 6 hours. 12 points. Professor REIMER.

#### SUMMER SESSION

*sA-sAa-sAb-sAc*—Elementary general chemistry. *C* 5 hours, *L* 6 hours. 4, 2 or 1 point. Professor NEISH and assistants.

*s3-s3a-s3c*—Inorganic chemistry I. *C* 7 hours, *L* 15 hours. 5, 2, or 3 points. Mr. GRANGER and assistant.

*s4-s4a-s4c*—Inorganic chemistry II. *C* 7 hours, *L* 15 hours. 5, 2, or 3 points. Miss WASHBURN and assistants.

*s11-s11a-s11c*—Qualitative analysis. *C* 5 hours, *L* 15 hours. 5, 2, or 3 points. Mr. HAESELER and assistants.

*s12-s12a-s12c*—Qualitative analysis. *C* 5 hours, *L* 15 hours. 5, 2, or 3 points. Mr. HAESELER and assistants.

*s107*—Organization and management of the chemical laboratory. *C* 2 hours. Professors FREAS and ESTABROOK.

*s111*—Modern theory of analytical chemistry. Professor BEANS.

*s201*—The phase rule. Mr. KIEHL.

*s207*—Inorganic chemistry, conferences. *C* 5 hours. Professor FREAS.

*s217*—Inorganic chemistry, research. Professor KENDALL.

*s123*—Experimental physical chemistry. *C* 3 hours, *L* 12 hours. Mr. DAVIDSON.

*s138*—Elementary physical chemistry. *C* 5 hours. Professor MORGAN.

*s227*—Physical chemistry research. Professor MORGAN.

*s46*—Elementary organic chemistry I. *C* 7 hours, *L* 15 hours. 5 points. Dr. FISHER and assistants.

*s149*—Organic chemistry, advanced laboratory course, analytic. 4 points. Lectures, 2 per week. Laboratory, 15 hours per week. Dr. FISHER.

*s151a*—Organic chemistry, advanced course. *L* 15 hours. Dr. FISHER.

*s153*—General organic chemistry. *C* 5 hours. Professor NELSON.

*s257*—Organic chemistry, research. Professor NELSON.

*s63-64*—Quantitative analysis. *C* 7 hours, *L* 30 hours. 8 points. Dr. FALES and assistants.

*s163*—Quantitative analysis, inorganic. Advanced course. Conference and laboratory, 20 hours per week. 4 points. Dr. H. A. FALES.

*s267*—Quantitative analysis, research. Professor BEANS.

*s175*—Food analysis. *L* 20 hours. Professor SHERMAN and Dr. GERARD.

*s176*—Chemistry of food and nutrition. *C* 8 hours. Professor SHERMAN and Dr. GERARD.

*s275-s276*—Seminar in food chemistry. 20 hours. Professor SHERMAN.

*s277*—Research in food chemistry. Professor SHERMAN and Dr. GERARD.

#### EXTENSION TEACHING

*eA1*—General chemistry, elementary course. *C* 2 hours, *L* 2 hours. 4 points. Professor NEISH and assistants.

*eA2*—General chemistry, elementary course. *C* 2 hours, *L* 2 hours. 6 points. Mr. HAESELER and assistants.

*e3-e4*—General inorganic chemistry. *C* 3 hours, *L* 6 hours. 5 points. Mr. HAESELER and assistants.

*e6*—General inorganic chemistry. *C* 3 hours, *L* 6 hours. 5 points. Professor NEISH and assistants.

e7—General inorganic chemistry. C 2 hours, L 6 hours. 5 points. Mr. HAESLER and assistant.

e14-15—Qualitative analysis. C 2 hours, L 6 hours. 5 points, first half; 4 points. Second half. Dr. ANDREWS.

e41-42—Organic chemistry, introductory course. C 3 hours, L 6 hours. 6 points. Dr. FISHER and assistant.

*Equipment.* For courses in Chemistry given at Teachers College and for courses in Chemistry and Physiological Chemistry given at the College of Physicians and Surgeons, and at the College of Pharmacy, see the Table of Contents and the special *Announcements* of these Schools.

In Havemeyer Hall the Chemical Department is provided with ample space for its museum, lecture-rooms, and laboratories.

There are five chemical lecture-rooms, all fully supplied with apparatus and instruments, the desks being equipped with pneumatic troughs, gas, pressure, exhaust, and electricity. The large chemical lecture-room on the ground floor contains 248 seats.

The Museum of General Inorganic and Organic Chemistry and of the Chemical Arts, a large room occupying the whole left wing of the ground floor, contains the elements and all their more important compounds, inorganic and organic; materials and products illustrating the chemical arts, and numerous models, pictures, and diagrams.

The new William H. Nichols Laboratories for General Inorganic Chemistry and Qualitative Analysis, together with the rooms for instructors and for research, occupy the whole of one floor of Havemeyer Hall. They are fitted up in the most modern and complete way, with all the conveniences required for instruction and investigation.

The Quantitative Laboratory has eighty-eight desks. Attached to the main laboratory is a large, well-equipped balance-room, containing accurate balances, and special rooms, provided with apparatus for gas, water, food, and electrolytic analysis.

The Organic Laboratory has forty large desks, provided with gas, water, exhaust, and electricity, and has special rooms for balances, pressure ovens, glass-blowing, and combustions.

The laboratory of Physical Chemistry is well equipped with the most recent apparatus adapted to a wide range of experimental work in the branches of heat, light, electricity, etc., as applied to chemical problems.

The Chemical Library in Havemeyer Hall is supplied with an extensive collection of chemical books and journals, and is open from 9 a. m. to 5 p. m.

The Department of Chemistry at Barnard College has laboratories well equipped with every facility for the proper study of the subjects offered. The desks have water, gas, and electricity. There is a small library of useful reference books in chemistry to which the students have free access during the entire day.

The chemical laboratories and lecture rooms of Teachers College are fully equipped for instruction in General, Organic, and Household, and Physiological Chemistry for students in Household Arts; and also for exercises relating to the teaching of Chemistry, for students preparing to teach physical science in secondary or normal schools.

## CIVIL ENGINEERING

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professor:* E. B. LOVELL.

*Associate Professor:* J. K. FINCH.

*Associate:* ALBIN H. BEYER.

*Instructor:* J. S. MACGREGOR.

*Assistant:* W. J. KREFELD.

- 1-A—Theory of plane surveying. 2 hours and 1 afternoon. Professor FINCH.  
 2—Theory of plane surveying. 2 hours. Professor FINCH.  
 2s—Theory of plane surveying. 2½ weeks' lecture and field work. 3 points. Professor FINCH and assistants.  
 15s—Land surveying. 5 weeks' field work. Professor FINCH and assistants.  
 25s—Topographic and city surveys. 5 weeks' field and office work. Professor FINCH and assistants.  
 26s—Hydrographic surveying. 2 weeks' field and office work. Professor FINCH and assistants.  
 27s—Topographic and mine claim surveys. 5 weeks' field and office work. Professor FINCH and assistants.  
 28s—Railroad surveying. 3 weeks' field and office work. Professor FINCH and assistants.  
 1-K—Highway engineering. 2 hours. Professor LOVELL.  
 122—Maps and road plans. 1 hour and 1 afternoon. Professor FINCH.  
 124—Engineering architecture. 2 hours and 1 afternoon. Professor FINCH.  
 1-H—Theory of railroad surveying. 3 hours and 1 afternoon. Professor LOVELL.  
 152—Theory of railroad surveying. 3 hours and 1 afternoon. Professor LOVELL.  
 1-Y—Elasticity and resistance of the materials of engineering. 5 hours and 2 afternoons. Mr. BEYER and Mr. KREFELD.  
 1-L—Elasticity and resistance of the materials of engineering. 3 hours and 1 afternoon. Mr. BEYER and Mr. KREFELD.  
 158—Masonry structures. 3 hours and 1 afternoon. Professor LOVELL.  
 160—Sanitary treatment of water supply and sewage. 2 hours and 2 afternoons in February in the Bacteriological Laboratory. Professor JACKSON and Mr. BEYER.  
 1-N—Theory of trusses, analytical and graphical. 2 hours and 1 afternoon. Mr. BEYER.  
 162—Theory of trusses, analytical and graphical. 2 hours and 1 afternoon. Mr. BEYER.  
 164—Graphic statics. 1 hour and 1 afternoon. Professor FINCH.  
 1-M—Hydraulics. 2 hours. Professor FINCH.  
 178—Hydraulics. 2 hours and 1 afternoon. Professor FINCH.
- Note:* Courses listed above 1-A, 1-H, 1-K, 1-L, 1-M, 1-N, and 1-Y correspond to regular courses 2, 151, 121, 155, 175, 161, and 153 with such modifications as needed to meet the requirements of the War Department. These courses were given only during the first term, a normal schedule being resumed for second term. Course 1-A ended December 21 and Course V-2 was a continuation of this course, finishing the first term. Special courses were also offered during the summer of 1918 as follows: Bridge and Concrete Design, 2 weeks (old courses 188 and 191 condensed), and Water Supply and Irrigation, 2 weeks (old courses 197 and 198 condensed).

### EXTENSION TEACHING

- e1-2—The theory of plane surveying. 2 points. Mr. KREFELD.  
 e2a—Field problems in plane surveying. Mr. KREFELD.  
 eY1-Y2—Plain and reinforced concrete construction. Professor FINCH.  
 e3-e4—Masonry and foundations. Professor FINCH.

*Summer Surveying.* These courses are conducted during each summer vacation at Camp Columbia, near Litchfield, Conn., where ample facilities are provided for all requisite operations, and where the topography is admirably adapted to the practical



work of surveying. The courses there given are those announced above under the numbers 2s, 15s, 25s, 26s, 27s, 28s, 29s, and Astronomy 107s. For details consult separately printed pamphlets which may be had upon application to the Secretary.

*Equipment.* The department possesses an unusually full equipment of engineers' and solar transits, levels, plane tables, compasses, and all accessories, as well as similar instruments. Current meters and floats of various types are also used in making observations in the flow in and discharge of streams. A complete set of sections of iron and steel shapes, models, and photographs of engineering works, together with working plans of the latter, are in the department for the use of students. The hydraulic laboratory affords opportunity for the practical operations of measuring the discharge through orifices, the flow over weirs and through open channels and pipes, frictional and other resistances in pipes and open channels, as well as for meter gaugings, and for general hydraulic investigations. The testing work in the testing laboratory includes the complete tests of various structural materials in tension, compression, bending and torsion, including the observation and digesting of all corresponding data.

### CLASSICAL PHILOLOGY

*See introductory paragraphs, p. 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193.

*Professors:* J. C. EGBERT, C. KNAPP, G. LODGE, N. G. MCCREA, F. G. MOORE, E. D. PERRY, and C. H. YOUNG (*Executive Officer*).

*Associate Professor:* L. R. VAN HOOK.

*Assistant Professors:* J. R. CRAWFORD, R. GUERNSEY, G. M. HIRST, K. C. REILEY, E. H. STURTEVANT.

*Associate:* T. L. SHEAR.

*Instructors:* W. S. MESSER, G. H. GOODALE.

### COLUMBIA COLLEGE

#### GREEK

Owing to war conditions, all undergraduate Greek courses, except the Honors Conference, were withdrawn for the First Quarter and students were admitted to the corresponding courses in Barnard College.

6—Plato, selections. 3 hours. 3 points. Professor STURTEVANT.

12—Attic orators. 3 hours. 3 points. Professor GUERNSEY.

40—Prose composition. Advanced course. One session weekly. 2 points. Professor VAN HOOK.

42—Greek literature. 3 hours. 3 points. Professor VAN HOOK.

H1-H2—Honors conference, for second-year students. 4 points. Professor GUERNSEY.

H3-H4—Honors conference, for third-year students. 4 points. Professor PERRY.

#### LATIN

5—Livy, selections. Catullus. Horace. 3 hours. 2½ points. Professor MOORE.

41—Latin literature. 3 hours. 3½ points. Professor MOORE.

6—Horace, *Odes*. Terence. 3 hours. 3 points. Professor MCCREA.

12—Juvenal, *Satires*; Martial, *Epigrams*. 3 hours. 3 points. Professor STURTEVANT.

18—Lyric poetry. 2 hours. 2 points. Professor MCCREA.

30—Prose composition. Second course. 1 hour. 1 point. Professor MOORE.

42—Latin literature. 3 hours. 4 points. Professor MOORE.

140—Prose composition. Advanced course. One session weekly. 2 points. Professor MCCREA.

H1-H2—Honors conference, for second year students. 4 points. Professor MOORE.

H3-H4—Honors conference, for third-year students. 4 points. Professor MCCREA.

## BARNARD COLLEGE

### GREEK

1-2—Elementary course. Grammar. Composition. Xenophon. Homer. 5 hours. 8 points. Professor HIRST.

5—Homer. Lucian. 3 hours. 3 points. Professor VAN HOOK.

6—Lucian. Plato, selections. 3 hours. 3 points. Dr. MESSER.

9-10—Prose composition. First course. 1 hour. 2 points. Dr. MESSER.

11—Euripides. Sophocles. 3 hours. 3 points. Dr. MESSER.

12—Herodotus, selections. 3 hours. 3 points. Professor HIRST.

15—Aeschylus. 2 hours. 2 points. Dr. MESSER.

16—Aristophanes. 2 hours. 2 points. Professor VAN HOOK.

39-40—Prose composition. Advanced course. One session weekly. 2 or 4 points. Professor VAN HOOK.

41-42—Greek literature. 3 hours. 6 points. Professor VAN HOOK.

### LATIN

A1—Livy, selections. Catullus. 3 hours. 3 points. Professors KNAPP, HIRST, Dr. MESSER, and Miss GOODALE.

A2—Horace, *Odes* and *Epodes*. 3 hours. 3 points. Professors KNAPP, HIRST, Dr. MESSER, and Miss GOODALE.

A3-A4—Selections from Latin literature. 3 hours. 6 points. Dr. MESSER.

A6—Livy, selections. Catullus. 3 hours. 3 points. Miss GOODALE.

A7—Horace, *Odes* and *Epodes*. 3 hours. 3 points. Miss GOODALE.

9-10—Prose composition. First course. 1 hour. 2 points. Miss GOODALE.

11—Horace, *Satires* and *Epistles*. 3 hours. 3 points. Professor KNAPP.

12—The Roman novel: Petronius and Apuleius. 3 hours. 3 points. Professor KNAPP.

17—Vergil, *Aeneid* VII-XII. 2 hours. 2 points. Professor HIRST.

18—Lyric poetry. 2 hours. 2 points. Professor MCCREA.

29-30—Prose composition. Second course. 1 hour. 2 points. Professor MOORE.

41-42—Latin literature, 3 hours. 6 points. Professor KNAPP.

139-140—Prose composition. Advanced course. One session weekly. 4 points. Professor MCCREA.

## CLASSICAL CIVILIZATION

51-52—Roman life and thought. 2 hours. 4 points. Professor KNAPP.

## GRADUATE COURSES

### GREEK

153—Greek epigraphy. Introductory course. 2 hours. 3 points. Professor PERRY.

154—Greek epigraphy. Second course. 2 hours. 3 points. Professor PERRY.

201-2—Greek literature. Part I, poetry. 2 hours. 6 points. Professor VAN HOOK.

205—Greek philosophy. Plato. 1 hour. 3 points. Professor PERRY.

- 206—Greek Philosophy. Aristotle. 1 hour. 3 points. Professor PERRY.  
207-208—Greek epic poetry. 1 hour. 6 points. Professor PERRY.

LATIN

- 139—Prose composition. Latin idiom. 1 hour. 3 points. Professor McCREA.  
140—Prose composition. Latin style. 1 hour. 3 points. Professor McCREA.  
201-2—Latin literature of the republic. 2 hours. 6 points. Professor McCREA.  
231—Roman epic poetry. 1 hour. 3 points. Professor McCREA.  
232—Roman lyric and elegiac poetry. 1 hour. 3 points. Professor MOORE.  
233—Roman history. The portrait of an Emperor. 1 hour. 3 points. Professor LODGE.  
234—Roman letters. 1 hour. 3 points. Professor McCREA.

TEACHERS COLLEGE

- 151-152—Curriculum and methods of teaching. 2 hours. 4 points. Professor LODGE.  
211-212—Latin vocabulary and conversation. 2 hours. 4 points. Professor LODGE.  
351-352—Practicum in Latin—Cæsar and Vergil. 2 hours. 8 points. Professor LODGE.

CLASSICAL ARCHÆOLOGY—GREEK

- 149—Greek archæology. Introductory course. 3 hours. 3 points. Professor YOUNG.  
156—Topography and monuments of Attica and Athens. 3 hours. 3 points. Professor YOUNG.  
255-256—Greek Life. 2 hours. 4 points. Professor YOUNG.

CLASSICAL ARCHÆOLOGY—LATIN

- 176—Topography and Monuments of Ancient Rome. 2 hours. 3 points. Professor CRAWFORD.  
251-252—Introduction to Roman archæology. 2 hours. 6 points. Professor EGBERT.  
256—Roman Art. 2 hours. 3 points. Professor CRAWFORD.

COMPARATIVE PHILOLOGY

- 280—The Italic Dialects. 2 hours. 3 points. Professor STURTEVANT.  
293—The Pronunciation of Greek and Latin. 2 hours. 3 points. Professor STURTEVANT.

SUMMER SESSION

GENERAL LINGUISTICS

- 5102—Introduction to linguistic science. 3 points. Professor STURTEVANT.

GREEK

- 51—Elementary course. 4 points. Professor MACURDY.  
52—Xenophon. 2 points. Professor MACURDY.  
53—Homer, *Iliad*. 2 points. Professor STURTEVANT.  
5105—Informal lectures on the history of Greek philosophy. 3 points. Professor SHOREY.

s153—Greek life and thought: a survey of Greek civilization. 3 points. Professor VAN HOOK.

## LATIN

sX1—Elementary course. 4 points. Professor DEMAREST.

sX2—Cæsar, Gallic War. Sight translation. 2 points. Dr. MESSER.

sX3—Elementary Latin and Cæsar. 2 points. Miss WYE.

sY1—Vergil, *Æneid*, Selections from Books I–VI. 2 points. Professor DEMAREST.

sY2—Cicero, selected orations. 2 points. Dr. MESSER.

sZ—Latin prose composition. 2 points. Dr. MESSER.

s6—Horace. Catullus. 2 points. Professor STURTEVANT.

s9—Latin prose composition. 2 points. Professor OGLE.

s13—Vergil, *Eclogues* and *Georgics*, selections. 2 points. Professor VAN HOOK.

s39—Latin prose composition. 2 points. Professor MOORE.

s105—Lucretius, selections from Books I–III and V. 3 points. Professor MCCREA.

s122—Horace, *Satires* and *Epistles*. 3 points. Professor SHOREY.

s123—Cicero: his life, ideals, and permanent influence. 3 points. Professor MCCREA.

s134—Tacitus, *Histories*. 3 points. Professor MOORE.

s141—Cicero's *Verrine Orations*. A study in the direct method. 3 points. Miss WYE.

s147—The literary heritage of the Middle Ages. 3 points. Professor OGLE.

## EXTENSION TEACHING

## LATIN

eX1–X2—Elementary Latin and Cæsar. 6 points. Professor GUERNSEY.

eX3—Cæsar, Nepos, and prose composition. 3 points. Miss MCCLEES.

eX8—Elementary course. 3 points. Miss MCCLEES.

eY1—Ovid and Vergil. 3 points. Miss MCCLEES.

eY3—Cicero and Sallust. 3 points. Professor GUERNSEY.

eY4—Cicero and Sallust. 3 points. Professor GUERNSEY.

eY5—Latin prose composition. 2 points. Miss WYE.

eY6—Latin prose composition, Course eY5 repeated. 2 points. Miss WYE.

eY8—Ovid and Vergil. Course eY1 repeated. 3 points. Professor MOORE.

*Equipment.* The General Library is unusually rich in early and rare editions of the Classics, and contains also an excellent selection of recent works on the Latin and Greek languages and literatures and on classical philology in general. The departments of archæology, epigraphy, palæography, Roman history, and Roman law are especially well represented. The library receives all the important serial publications issued abroad and at home, in the fields of philology and archæology. The Avery Library contains a large number of illustrated works on art and archæology as well as on architecture and offers an unusual opportunity for the study of these subjects. Furthermore, in the Drisler and Earle Collections in the departmental reading-room in Philosophy Building, the department possesses a special library of selected works which is at the disposal of graduate students. The department is also fairly well equipped with maps, plans, etc.; owns a large collection of photographs of Greek and Roman monuments, localities, and sculpture; and has a large number of squeezes of inscriptions. On the Roman side the Olcott Collection includes a valuable collection



of ancient coins, some original inscriptions, and a collection of miscellaneous antiquities. Moreover, the students of the University have free access to the collections of the Metropolitan Museum of Art for study and comparison.

## CLINICAL INSTRUCTION

in Dermatology and Syphilology; Laryngology, Ophthalmology, Orthopedic Surgery, and Otology. For Clinical Instruction in Medicine, Surgery, Urology, Obstetrics, Gynecology, Neurology, Pediatrics, details will be found under the general heading of these departments.

*See introductory paragraphs, page 67*

## DERMATOLOGY AND SYPHILOLOGY

*Professor:* J. A. FORDYCE.

*Assistant Professor:* G. M. MACKEE.

*Instructors:* F. WISE, I. ROSEN, A. B. CANNON.

*Clinical Assistants:* J. REMER, E. C. JAGLE, J. R. FLANIGAN, E. W. ABRAMOWITZ, M. SCHEER, S. J. LITTENBERG, W. SHEPHERD, T. F. KELLY, L. MEYERS, L. BANOV, W. J. HIGHMAN, D. L. SATENSTEIN.

201-202—Dermatology and syphilology. L 1 hour. Professor FORDYCE.

203—Syphilis therapy. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. ROSEN.

204—Practical instruction in the diagnosis and treatment of diseases of the skin and syphilis; instruction in radiotherapy. At the Vanderbilt Clinic; 2 hours; one-sixth of third year. Professor MACKEE, Drs. WISE, ROSEN, and CANNON.

205—Histo-pathology of skin diseases and syphilis. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. HIGHMAN and Dr. SATENSTEIN.

207—Dermatological therapeutics. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. WISE.

209—Radiotherapy in skin diseases. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Dr. REMER.

211—Clinical diagnosis and treatment of skin diseases. At the Vanderbilt Clinic; 3 hours; one-fourth of fourth year. Professor MACKEE.

*Equipment.* The department of dermatology and syphilology is equipped with laboratories for histo-pathology, X-ray therapy, and serology as well as with a separate department for the treatment of syphilis by intravenous, intraspinal and intramuscular medication.

## LARYNGOLOGY AND OTOTOLOGY

*Professor:* C. G. COAKLEY.

*Professors of Clinical:* ROBERT LEWIS and W. F. CHAPPELL.<sup>1</sup>

*Assistant Professors:* RICHARD FROTHINGHAM and T. L. SAUNDERS.

*Instructors:* A. P. COLL, J. LESHURE, A. MICHAELIS, E. W. KOBLER, E. L. PRATT, JOHN D. KERNAN, JR., and CHARLES OSGOOD.

*Instructors in Clinical:* H. B. BLACKWELL, WILLIAM FERGUSON, and J. F. BOWMAN.

*In Military Service:* M. L. CARR, R. T. ATKINS and J. W. BABCOCK.

*Clinical Assistants:* R. S. HINSDALE, B. FREUDENFALL, L. GREENBERG, O. GLOGAU, and S. KNOPF.

201-202—Clinical lecture on laryngology and otology. 1 hour. Vanderbilt Clinic. Professors COAKLEY, LEWIS, FROTHINGHAM, and SAUNDERS.

<sup>1</sup> Died October 19, 1918.

203-204—Practical instruction in laryngology and otology. 2 hours; one-third of third year. Vanderbilt Clinic. Professor FROTHINGHAM, Drs. COLL, LESHURE, MICHAELIS, and KOBLER.

205-206—Operations and bedside instruction in laryngology and otology. At the New York Eye and Ear Infirmary. 2 hours; one-sixth of third year. Professors LEWIS and SAUNDERS.

207-208—Operations and bedside instruction in laryngology and otology. At Bellevue Hospital. Professors COAKLEY and SAUNDERS, and Drs. PRATT and KERNAN.

209-210—Practical clinical instruction in laryngology and otology. At the Vanderbilt Clinic. 2 hours; one-fourth of fourth year. Dr. FROTHINGHAM and assistants.

211-212—Practical clinical instruction in laryngology and otology at Bellevue Hospital; Thursday and Friday, 9-12, during Therapeutic quarter; fourth year. Professors COAKLEY and SAUNDERS, and Drs. PRATT and KERNAN.

### OPHTHALMOLOGY

*Professor:* ARNOLD KNAPP.

*Professor of Clinical:* R. DENIG.

*Instructors:* J. W. WHITE, J. B. LYNCH, M. J. SCHOENBERG, and OSCAR DIEM.

*Clinical Assistants:* E. HARLOW, J. S. UNGER, M. ROSENBLUTH, C. REIGROD, M. J. TIERNEY, R. KAHN, and D. A. SWICK.

201—Practical instruction in ophthalmology. 2 hours; one-sixth of third year. Vanderbilt Clinic. Drs. WHITE, LYNCH, SCHOENBERG, and DIEM.

202—Clinical lectures upon the diseases of the eye. 1 hour. Vanderbilt Clinic. Professor KNAPP.

205-206—Hospital clinics in ophthalmology. Herman Knapp Memorial Eye Hospital. Professor KNAPP.

The DuBois Fellowship in Ophthalmology of \$900 per annum is open to graduates of the College of Physicians and Surgeons desirous of doing post-graduate eye work.

### ORTHOPEDIC SURGERY

*Professor:* R. A. HIBBS.

*Assistant Professor of Clinical:* G. R. ELLIOTT.

*Associate:* B. P. FARRELL.

*Instructor:* B. C. DARLING.

202—Clinical lectures on orthopedic surgery and diseases of the joints. 20 lectures. Third year. Professor HIBBS.

203-204—Practical instruction in orthopedic surgery. At the New York Orthopedic Dispensary and Hospital and Country Branch. 4 hours; one-eighth of fourth year. Dr. FARRELL.

208—Joint anatomy and physiology. 2 hours. 5 weeks. Third year.

### UROLOGY

*Professor:* J. BENTLEY SQUIER.

*Assistant Professor:* JOSEPH F. MCCARTHY.

*Associate:* CLARENCE G. BANDLER.

*Instructors:* ROLFE KINGSLEY, A. A. WREN, J. A. HYAMS, and M. STERN.

*Clinical Assistant:* A. STRACKSTEIN.

201—Practical instruction in the diagnosis and treatment of genito-urinary and venereal diseases. 2 hours; one-sixth of third year. Vanderbilt Clinic. Drs. McCARTHY, BANDLER, and KINGSLEY.

202—Genito-urinary diseases. At the Vanderbilt Clinic; clinical and didactic lectures. 1 hour. Professor SQUIER.

203-204—Operative and bedside clinics in genito-urinary diseases, Presbyterian Hospital. Professor SQUIER.

206—Practical instruction in the diagnosis and treatment of genito-urinary and venereal diseases including cystoscopy-urethroscopy. 2 hours. Vanderbilt Clinic. Drs. McCARTHY and BANDLER.

*Equipment.* At the Vanderbilt Clinic, a new, modern operating room has been fitted up providing greatly increased facilities for cystoscopy, endoscopy, fulguration in vesical neoplasms, and the carrying out of the other operative procedures permissible in an out-patient clinic. The general treatment room has been almost entirely re-equipped with modern appliances and corresponding improvement in lighting, cleanliness, and efficiency. Facilities have been provided for carrying out the simpler routine laboratory tests, chemical and bacteriological. In the instruction room a stereomograph and reflectroscope have been installed, and the collections of anatomical and pathological specimens, photographs, etc., rearranged and enlarged.

## DISEASES OF CHILDREN

*See introductory paragraphs, page 67*

*Professor:* L. EMMETT HOLT (*Executive Officer*).

*Associates:* H. W. BERG, L. E. LAFETRA, C. H. SMITH, R. S. HAYNES, and F. H. BARTLETT.

*Instructors:* M. H. BASS, A. L. GOODMAN, H. H. MASON, N. R. NORTON, J. F. SAMMIS, H. B. WILCOX, O. M. SCHLOSS, and D. S. BYARD.

*Assistants:* B. W. HAMILTON, J. S. LEOPOLD, M. S. REUBEN, L. M. SILVER, L. C. SCHROEDER, R. E. STETSON, J. ZUCKERMAN, G. PREVITALI, W. J. MERSEREAU, S. MCLEAN, and M. KEMP.

*Clinical Assistants:* MORRIS FRIEDSON and L. D. MINSK.

201—Recitations in diseases of children. 1 hour. Winter Session, third year. Dr. MASON.

203-204—Didactic or clinical lectures on diseases of children. At the Vanderbilt Clinic. 1 hour. Winter and Spring Sessions, third year. Professor HOLT.

207-208—Bedside instruction in the contagious diseases of children. At the Willard Parker and Scarlet Fever Hospital. 1 hour. One-fifth of third year. Drs. BERG and BASS.

209-210—Hospital clinic in diseases of children. In the wards of the Babies Hospital. 3 hours. One-fourth of fourth year. Professor HOLT.

211-212—Hospital clinic in diseases of children. In the wards and out-patient department of Bellevue Hospital. 3 hours. One-fourth of fourth year. Drs. LAFETRA, WILCOX, SCHLOSS, and C. H. SMITH.

221-222—Hospital clinic in diseases of children. At the German Hospital. 3 hours. One-fourth of fourth year. Drs. GOODMAN and LEOPOLD.

223-224—Hospital clinic in diseases of children. At the Presbyterian Hospital. 3 hours. One-fourth of fourth year. Dr. H. H. MASON.

225-226—Hospital clinic in diseases of children. At St. Mary's Hospital. 3 hours. One-fourth of fourth year. Dr. BYARD.

## DRAFTING

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193.

*Associate Professor:* R. E. MAYER (*Executive Officer*).

*Assistant Professors:* S. O. MILLER and T. H. HARRINGTON.

2—Elements of engineering drafting, lettering, projections, working drawings, topography. *C* 1 hour, *D* 5 hours. 2 points. Professors MAYER, MILLER, and HARRINGTON.

4—Descriptive geometry—problems on point, line, and plane; tangent planes; intersections; developments; warped surfaces. *C* 3 hours. 3 points. Professors MAYER, MILLER, and HARRINGTON.

6—(a) Graphics—Shades and shadow; perspective; (b) Stone-cutting. 3 hours. *C* and *D*. Professors MAYER, MILLER, and HARRINGTON.

7-8—(a) Structural drawing; (b) Machine drawing. 3 hours. *C* and *D*. Professors MAYER, MILLER, and HARRINGTON.

## SUMMER SESSION

sa—Mechanical drafting. 2 points. Professor MAYER.

si-2—Mechanical drafting. 3 points. Professor MAYER.

s3-4—Descriptive geometry. 2 points. Professor MAYER.

s6, 7-8—Advanced mechanical drafting. 3 points. Professor MAYER.

## EXTENSION TEACHING

e1-2—Mechanical drafting. 4 points. Professor HARRINGTON.

e2a-e1 repeated. 2 points. Professor HARRINGTON and assistant.

e3-4—Descriptive geometry. 2 hours. 4 points. Professor HARRINGTON.

e6—Graphics. *C* and *D* 3 hours. 1 point. Professor HARRINGTON.

e8—Structural drafting. *C* and *D* 3 hours. 1 point. Professor HARRINGTON.

*Equipment.* The collections of the department contain models illustrating problems in projections and descriptive geometry, a special feature of which is the set of Olivier models illustrating the warped surfaces and problems in intersections and tangencies.

## STUDENTS' ARMY TRAINING CORPS

W1a—Descriptive geometry, intensive course. *C* 3 hours. Professors MAYER and HARRINGTON.

W1b—Elements of engineering drafting, intensive course. *D* 6 hours. Professors MAYER and HARRINGTON.

## ECONOMICS AND SOCIAL SCIENCE

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193.

*Professors:* J. B. CLARK, E. T. DEVINE, F. H. GIDDINGS, S. M. LINDSAY, R. C. MCCREA, W. C. MITCHELL, H. L. MOORE, H. R. SEAGER, E. R. A. SELIGMAN (*Executive Officer*), V. G. SIMKHOVITCH, and H. P. WILLIS.

*Associate Professors:* E. E. AGGER, R. E. CHADDOCK, and H. A. E. CHANDLER.

*Assistant Professors:* R. M. HAIG, H. LYON, R. H. MONTGOMERY, A. A. TENNEY, and T. W. VAN METRE.



*Instructors:* L. ARDZROONI, R. H. BLANCHARD, GEORGIA HAFFNER, R. L. HALE, R. B. KESTER, NINA MILLER, and H. N. SHENTON.

*Lecturers:* W. E. WELD, G. R. HUBBART, EMILIE J. HUTCHINSON, and C. E. SCATTERGOOD.

*Members of the staff of the School of Philanthropy giving instruction in this department:* KATE H. CLAGHORN, F. A. CLEVELAND, S. D. M. HUDSON, P. R. LEE, J. A. MILLER, W. W. PETTIT, and H. W. THURSTON.

*Assistant:* F. W. JONES.

## ECONOMICS AND FINANCIAL ECONOMY

### ECONOMICS AND FINANCE

A1-A2—Outline of economics. 6 points. Professor MOORE, Miss HUTCHINSON, and Miss HAFFNER (Barnard).

1-2—Introduction to economics—Practical problems. 3 points each session. Professors CHANDLER and WELD, Dr. HALE, Mr. ARDZROONI, and Mr. SCHENCK.

3—The principles of money and banking. 3 points. Professor AGGER.

4—The organization of the banking system, domestic and international exchange. 3 points.

7—Current economic problems and social reform movements. 2 points. Professor CHANDLER.

8—Economic Policy. 2 points. Professor CHANDLER.

9-10—Problems and methods of volunteer social work. 2 points. Miss HUTCHINSON (Barnard).

11-12—Women in gainful occupations. 6 points. Miss HUTCHINSON (Barnard).

101-(51)—Science of finance—I: Public revenues. 3 points. Professor SELIGMAN.

102-(52)—Science of finance—II: Public expenditures, public debts, and the budget. 3 points. Professor SELIGMAN.

105-(55)—The labor problem. 3 points. Mr. ARDZROONI.

107-(57)—Fiscal and industrial history of the United States. 3 points. Professor SELIGMAN.

108-(58)—Railroad problems, economic, social, and legal. 3 points. Professor SELIGMAN.

206—War and economic dynamics. 1 point. Professor CLARK.

209-210—Principles and methods of statistics. 3 points each session. Professor CHADDOCK and Mr. JONES.

211—Economic theory. 3 points. Professor H. L. MOORE.

301-302—Seminar in political economy and finance. 3 points each session. Professor SELIGMAN.

### STUDENTS' ARMY TRAINING CORPS

War economics 1a—Professors AGGER and CHANDLER, Dr. HALE, and Mr. ARDZROONI.

War statistics—Professor CHADDOCK.

### BUSINESS

b1-2—Principles of economics. 6 points. Professor MCCREA.

3-4—Advanced economics. 4 points. Professor MCCREA.

7-8—Business organization and administration. 4 points. Professor HAIG.

16—Advanced advertising. 2 points. Mr. HUBBART.

23-24—Elements of accounting. 4 points. Dr. KESTER and Miss MILLER.

- 25-26—Principles of accounting. 4 points. Dr. KESTER.  
 45-46—Corporation finance. 2 points each session. Professor LYON.  
 51—Principles of money and banking. 3 points. Professor WILLIS.  
 52—Elements of banking practice. 3 points. Professor WILLIS.  
 57-58—Business statistics. 2 points each session. Mr. SCATTERGOOD.  
 63—Railway transportation. 2 points. Professor VAN METRE.  
 64—Water transportation. 2 points. Professor VAN METRE.  
 71-72—Business law. 3 points each session. Professor LYON.  
 89-90—History of American commerce. 2 points each session. Professor VAN METRE.  
 141—Stock exchange. 3 points. Professor LYON.  
 147-148—Investments. 3 points each session. Professor LYON.  
 153—Banking and credit. 3 points. Professor WILLIS.  
 154—International banking and foreign exchange. 3 points. Professor WILLIS.  
 156—The Federal Reserve system. 3 points. Professor WILLIS.  
 157—Banking operation. 3 points. Professor WILLIS.  
 158—Banking legislation. 3 points. Professor WILLIS.  
 168—Railway rate problems. 3 points. Professor VAN METRE.  
 169-170—Railway operation. 3 points each session. Professor VAN METRE.

## STUDENTS' ARMY TRAINING CORPS

War accounting 1a—Mr. BENNETT, Mr. KOOPMAN, and Miss MILLER.

## SUMMER SESSION

## ECONOMICS AND FINANCE

- s1—Introduction to economics. 2 points. Professor AGGER.  
 s2—Practical economic problems. 2 points. Mr. ARDZROONI.  
 s101—Taxation and finance. 3 points. Professor BOGART.  
 s107—Economic testimony of the United States. 3 points. Professor BOGART.  
 s115—The principles of money and banking. 3 points. Professor HANKINS.  
 s117—Labor problems. 3 points. Mr. ARDZROONI.  
 Statistics s209—Principles and methods of statistics. 3 points. Professor HANKINS.  
 Statistics s210—Social statistics. 3 points. Professor HANKINS.

## BUSINESS

- s23-24—First year accounting. 4 points. Dr. KESTER.  
 s25—Second year accounting. 2 points. Mr. KOOPMAN.  
 s26—Second year accounting. 2 points. Mr. KOOPMAN.  
 s133—Accounting laboratory. 3 points. Mr. KESTER.  
 s21—Methods of teaching bookkeeping. 2 points. Mr. KOOPMAN.  
 s15—Practical advertising. 2 points. Mr. and Mrs. HUBBART.  
 s20—Merchandising and management. 2 points. Mr. HUBBART.  
 s62—Business mathematics. 2 points. Professor GROVE.  
 s71-72—Business law. 3 points. Mr. LILLY.  
 s107—Business organization and management. 3 points. Professor DE HAAS.  
 s142—Produce exchange markets. 3 points. Professor HUEBNER.  
 s145—Corporation finance. 3 points. Professor LYON.  
 s147-148—Investments. 3 points. Professor LYON.  
 s151—The security market. 3 points. Professor HUEBNER.

- s190*—Foreign trade. 3 points. Professor DE HAAS.  
*s197*—Advanced economics. 3 points. Professor McCREA.  
*s198*—Economics and social reform. 3 points. Professor McCREA.

## EXTENSION TEACHING

## ECONOMICS AND FINANCE

- e1-2*—Principles of economics. 6 points. Professor McCREA and Professor VAN METRE.  
*e2a*—Principles of economics. 3 points. Mr. ARDZROONI.  
*e45-46*—Corporation finance. 4 points. Professor LYON.  
*e77-78*—Life insurance. 4 points. Mr. LUNGER.  
*e139*—Income tax procedure. 2 points. Professor HAIG, Mr. HOLMES, Mr. RATTRAY, and Mr. HOLCOMB.  
*e147-148*—Investments. 6 points. Professor LYON.  
*e160*—Women in gainful occupations. 3 points. Miss HUTCHINSON.

## ACCOUNTING

- e23-24*—First year accounting. 4 points. Messrs. BALTZ, BAKER, WOOLHOUSE, BENNETT, KOOPMAN, and Miss MILLER.  
*e23a-24a*—First year accounting. 2 points. Messrs. BARBER and C. C. HUGHES.  
*e25-26*—Second year accounting. 4 points. Messrs. J. F. HUGHES and KOOPMAN.  
*e25a-26a*—Second year accounting. 4 points. Mr. KOOPMAN.  
*e27-28*—Cost accounting. 4 points. Messrs. HOWARD and ROHRBACH.  
*e61*—Elementary business arithmetic. 2 points. Mr. VAN TUYL.  
*e62*—Business mathematics. 2 points. Mr. VAN TUYL.  
*e129-130*—Third year accounting. 4 points. Dr. KESTER.  
*e131-132*—Auditing, theory and practice. 4 points. Professor MONTGOMERY and Mr. BAKER.  
*e133-134*—Accounting laboratory. 4 points. Mr. BYRNES.

## BUSINESS LAW

- e73-74*—Contracts. 4 points. Professor GIFFORD.  
*e75*—Corporation law. 2 points. Professor WORMSER.  
*e76*—Negotiable instruments. 2 points. Mr. CURRIER.  
*e85-86*—Latin-American commercial law. 4 points. Mr. OBREGON.

## COMMERCE AND INDUSTRY

- e7-8*—Business organization and administration. 4 points. Professor HAIG and Mr. STOCKDER.  
*e15*—Practical advertising. 2 points. Mr. HUBBART.  
*e16a*—Practical advertising. 2 points. Mr. HUBBART.  
*e17*—Retail merchandising. 2 points. Mr. HUBBART.  
*e18*—Sales management. 2 points. Mr. HUBBART.  
*e18a*—Salesmanship. 2 points. Mr. HUBBART.  
*e20*—Retail advertising. 2 points. Mr. SINSHEIMER.  
*e40*—Agricultural economics. 2 points. Professor MORGAN.  
*e91-92*—Commercial geography. 4 points. Mr. STOCKDER.  
*e107-108*—Advanced business organization and administration. 6 points. Professor HAIG.

- e110*—Problems of personnel management. 3 points. Mr. TEAD.  
*e112*—The marketing of manufactured products. 2 points. Professor HAIG.  
*e117-118*—Psychology of advertising and selling. 6 points. Miss STICKLAND.  
*e167*—Railway traffic and rates. 3 points. Professor VAN METRE.  
*e168a*—Railway traffic and rates. 3 points. Professor VAN METRE.  
*e171-172*—The principles and practices of factory management. 6 points. Professor RAUTENSTRAUCH.

## SOCIAL SCIENCE

## SOCIOLOGY

- 151*—Principles of sociology, analytical: theories of social organization and progress. 3 points. Professor TENNEY.  
*152*—Principles of sociology, descriptive: problems of social organization and progress in America. 3 points. Professor TENNEY.  
*209-210*—Principles and methods of statistics. 6 points. Professor CHADDOCK and Mr. JONES.  
 [255—What civilization is. 3 points. Professor GIDDINGS.]  
 [256—What democracy is. 3 points. Professor GIDDINGS.]  
*313*—General seminar: observational sociology. 3 points. Professor GIDDINGS.  
*314*—General seminar: observational sociology. 3 points. Professor GIDDINGS.  
*315*—Seminar in modern social problems. 3 points. Professor TENNEY.  
*316*—Seminar in modern social problems. 3 points. Professor TENNEY.  
*317-318*—Advanced seminar in sociological theories. 3 points each session. Professor TENNEY.  
*319-320*—Advanced seminar in sociological research. 6 points. Professor GIDDINGS.

## SUMMER SESSION

- s109*—Statistical laboratory instruction and problem work. 3 points. Mr. JONES and Miss HAFNER.  
*s110*—Public health and standard of living. 3 points. Professor HANKINS.  
*s141*—Social institutions. 3 points. Mr. SHENTON.  
*s150*—Social evolution. 3 points. Professor GIDDINGS.  
*s209*—Principles and methods of statistics. 3 points. Professor HANKINS.  
*s311*—Seminar in social institutions and social assimilation. 3 points. Mr. SHENTON.  
*s316*—Seminar in principles and methods of inductive sociology. 3 points. Professor GIDDINGS.

## EXTENSION TEACHING

- e52*—Practical sociology: social conditions in the United States. 2 points. Mr. SHENTON.  
*e52a*—Practical sociology: social conditions in the United States; laboratory. 1 point. Mr. SHENTON.  
*e54*—Community socialization. 2 points. Mr. BOWMAN.  
*e54a*—Community socialization; laboratory. 1 point. Mr. BOWMAN.  
*e110*—Public health and standard of living. 2 points. Professor CHADDOCK.  
*e142*—Social problems: social betterment. 3 points. Mr. DAVIES.  
*e144*—Social institutions: institutions of constituent society. 3 points. Mr. BOWMAN.  
*e147-148*—Social statistics: principles and methods. 3 points each session. Mr. JONES.



*e150*—Principles and methods of statistics. Lectures and laboratory. 3 points. Professor CHADDOCK and Mr. JONES.

*e151*—Principles of sociology. Lectures, readings, discussions, and exercises. 3 points. Mr. BOWMAN.

*e152*—Social evolution. Lectures, readings, and discussions. 3 points. Mr. SHENTON.

#### SOCIAL SCIENCE

*103*—Modern social problems. 2 points. Professor CHADDOCK (T. C.)

#### SOCIAL ECONOMY

*111-112*—Social legislation. 3 points each session. Professor LINDSAY.

*201-202*—Problems in social economy. 6 points. [Not given this year.] Professor DEVINE.

*211-212*—Problems in social legislation. 6 points. Professor LINDSAY.

<sup>1</sup> *101*—Social work. 3 points. Professor DEVINE.

<sup>1</sup> *102*—Development of social work. 3 points. Professor DEVINE.

<sup>1</sup> *281*—The method of social case work. 3 points. Mr. LEE.

<sup>1</sup> *282*—The field of social work. 3 points. Mr. LEE.

<sup>1</sup> *283-284*—Child welfare: social care of handicapped children. 3 points each session. Mr. THURSTON.

<sup>1</sup> *286*—Statistical methods. 3 points. Miss CLAGHORN.

<sup>1</sup> *295-296*—Hygiene and preventable disease. 3 points each session. Dr. MILLER.

*301-302*—Seminar. 6 points. Professor LINDSAY.

*303-304*—Advanced seminar. 6 points. Professor LINDSAY.

#### SUMMER SESSION

*Equipment.* The Library facilities are unexcelled. Every journal of importance, American or foreign, dealing with economics or social science, is taken regularly by the Library. Any book needed by advanced students can usually be bought at once. The special library of history and political science alone comprises more than 80,000 volumes.

The facilities offered to students of sociology and social economy include a large library of general and special works on sociological theory, the history of the family, pauperism, crime, and penology. Arrangements have been made with the Charity Organization Society, the State Charities Aid Association, the University Settlement, the East Side House, and the Brooklyn Bureau of Charities, by which students can become fully acquainted with actual work among the people and with the most perfect methods.

Students of economics and social science will find in New York unrivaled library facilities. In addition to the University, there are the New York Public Library on the Astor, Lenox, and Tilden foundation, New York Historical Library, Long Island Historical Library, Library of the New York School of Philanthropy, the Bar Association Library, and the Law Institute Library, to each of which students have access under favorable conditions. Advanced students also have at their disposal the library of the McVickar Professor of Political Economy which contains an important collection of works on earlier economies.

The Statistical Laboratory, conducted by Professor CHADDOCK, is equipped with the most modern devices for facilitating statistical work, including the Hollerith punching, sorting, and tabulating machines, Burroughs adding machines, and several

<sup>1</sup> Given at the New York School of Philanthropy.

calculators of the Brunsviga and Millionaire types, calculating tables, and materials and devices for the construction of graphs. Some of the most necessary current sources of statistical data, both for our own and for foreign countries, are kept upon the shelves for reference and instruction.

Students also have the privilege of attending all of the courses in the School of Philanthropy conducted by the Charity Organization Society.

## EDUCATION

*See introductory paragraphs, page 67*

The School of Education of Teachers College is the Division of Education of Columbia University. In the section of the Catalogue devoted to Teachers College (see Table of Contents) will be found a list of its officers and a statement of its equipment for instruction and research in education.

## HISTORY AND PRINCIPLES OF EDUCATION

### HISTORY OF EDUCATION

*B*—History and principles of education with special reference to elementary school problems. 6 points. Professor GOODSSELL.

*B1-B2*—History of education. 4 points. Professor MADDOX.

*B3-B4*—History of education, with special reference to practical arts education. 4 points. Professor GOODSSELL and Dr. REISNER.

*221*—History of the family as a social institution. 2 points. Professor GOODSSELL.

*222*—Education of women. Its history and present problems. 2 points. Professor GOODSSELL.

*225-226*—History of education in the United States. 4 points. Professor MONROE.

*351-352*—(Math.) History of mathematics. 6 points. Professor SMITH.

*353-354*—(Math.) Practicum in the history of mathematics. 8 points. Professor SMITH.

*395-396*—The history of physical science. 6 points. Professor WOODHULL.

*421-422*—History of education. 6 points. Professors MADDOX and MONROE.

*421A*—Historical foundations of modern education. 3 points. Professor MONROE and Dr. REISNER.

*422A*—Education and nationalism. 3 points. Professor MONROE, Dean RUSSELL, Dr. REISNER, and Dr. KANDEL.

*425-426*—Practicum. History of education in the United States. 8 points. Professor MONROE.

*428*—Historical and comparative study of the problems of secondary education. 3 points. Dr. KANDEL.

*501-502*—Seminar. The historical foundations of modern education. Professor MONROE.

### SUMMER SESSION

*sBa*—History of education: Historic foundations of modern education. 2 points. Professor MONROE.

*sBb*—History of education in modern times. 2 points. Professor GOODSSELL.

*s222*—Education of women. 2 points. Professor GOODSSELL.

*s226*—History of education in the United States during the National period. 2 points. Professor MADDOX.

*s421*—History of education: Historic foundations of modern education. 3 points. Professor MONROE.

*s422*—History of education in modern times: Nationalism and education. 3 points. Dr. REISNER.

*s426*—Practicum. History of education in the United States during the National period. 4 points. Professors MADDOX and MONROE.

#### PHILOSOPHY OF EDUCATION

*241-242*—Philosophy of education. 4 points. Professor KILPATRICK.

*243-244*—Foundations of method. 4 points. Professor KILPATRICK.

*245*—Logic and educational problems. 2 points. Professor DEWEY. (Not given in 1918-1919.)

*247*—Ethics and educational problems. 2 points. Professor DEWEY. (Not given 1918-1919.)

*441-442*—Philosophy of education. Advanced course. 8 points. Professor KILPATRICK.

*446*—Practicum. Historical relations of philosophy and education. 4 points. Professor DEWEY. (Not given 1918-1919.)

*541-542*—Seminar. Philosophy of education. Professor KILPATRICK.

#### SUMMER SESSION

*sBc*—The principles of education. 2 points. Professor MADDOX.

*s241*—Philosophy of education. Introductory course. 2 points. Professor KILPATRICK.

*s244*—Foundations of method. 2 points. Professor KILPATRICK.

*s441*—Practicum. Philosophy of education. 4 points. Professor KILPATRICK.

#### EDUCATIONAL SOCIOLOGY

*291*—Educational sociology. 2 points. Professor SNEDDEN.

*292*—Problems of school curricula and special forms of education. 2 points. Professor SNEDDEN.

*205A-206A*—Problems for advisers of women and girls. 6 points. Professors STEVENS, GOODSSELL, and SNEDDEN, Miss DANIELL, and others.

*273*—Rural sociology and economics. 2 points. Dr. W. H. WILSON.

*293A*—The assimilation of the immigrant as an educational problem. 2 points. Dr. YERGIN.

*293B*—Industrial conditions and relations. 2 points. Professor WARD.

*294A*—Principles and programs of social reconstruction. 2 points. Professor WARD.

*497*—Sociological foundations of curricula. 3 points. Professor SNEDDEN.

*498*—Problems of curricula. 3 points. Professor SNEDDEN.

*591-592*—Seminar. Educational sociology. Professor SNEDDEN.

#### SUMMER SESSION

*s205A*—Problems for advisers of women and girls. 2 points. Professors GOODSSELL and SNEDDEN, and others.

*s214*—Socializing the elementary school curriculum. 2 points. Professor BONSER.

*s273*—Rural sociology in relation to education and social service. 2 points. Dr. W. H. WILSON.

*s291C*—Subject matter and method of public talks on patriotic propaganda. 2 points. Professor SNEDDEN.

*s292*—Public school curricula. 2 points. Professor SNEDDEN.

## EDUCATIONAL PSYCHOLOGY AND MEASUREMENTS

## EDUCATIONAL PSYCHOLOGY

*A3* or *A4*—Elements of psychology for teachers. 4 points. Professors RUGER and WHITLEY, Dr. HOLLINGWORTH, and Dr. GATES.

*2a*—Principles of teaching. 2 points. Professor MADDOX.

*2b*—Application of teaching principles to practical arts. 2 points. Professor BONSER.

*19*—Applications of psychology to teaching. 2 points. Professor WHITLEY.

*215*—Methods of teaching in special classes. 2 points. Miss FARRELL.

*215x* or *216x*—Observation, experimentation, and teaching in connection with special classes. 2 points either session. Miss FARRELL, Professor BONSER, and Dr. HOLLINGWORTH.

*216*—Supervision of special classes. 2 points. Miss FARRELL.

*251A-252A*—Psychology of childhood. 4 points. Professor WHITLEY.

*252B*—Psychology of adolescence. 2 points. Dr. HOLLINGWORTH.

*253-254*—Psychology and treatment of exceptional children. 4 points. Dr. HOLLINGWORTH.

*255*—The psychology of thinking. 2 points. Professor RUGER.

*256*—The experimental psychology of habit, skill, practice, and memory. 2 points. Professor RUGER.

*451*—Educational psychology. 4 points. Dr. GATES and Dr. HOLLINGWORTH.

*453-454*—Practicum. Application of psychological and statistical methods to education. 8 points. Professor THORNDIKE and Dr. McCALL.

*455-456*—Clinical psychology. 6 points. Dr. HOLLINGWORTH.

*456A*—Mental and vocational tests and treatment of results. 3 points. Professor RUGER.

*458A*—Psychology of the elementary school subjects. 3 points. Professor THORNDIKE and Dr. GATES.

*458B*—Psychology of the secondary school subjects. 3 points. Professor RUGER.

*459-460*—Educational psychology—Advanced course. 8 points. Professor THORNDIKE and Dr. GATES.

*553-554*—Seminar. Educational psychology. Professor THORNDIKE.

## EDUCATIONAL STATISTICS, TESTS, AND EXPERIMENTATION

*140x*—Field work in household arts for rural communities. 2 points. Professor SPOHR.

*211x-212x*—Experimental education in the elementary school. 4 points. Dr. McCALL.

*215x* or *216x*—Observation, experimentation, and teaching in connection with special classes. 2 points either session. Miss FARRELL, Professor BONSER, and Dr. HOLLINGWORTH.

*217x-218x*—Experimental teaching. 4 points. Miss DAY.

*231x-232x*—Experimental teaching and practice in supervision in the lower primary school. 4 points. Miss MOORE.

*256*—The experimental psychology of habit, skill, practice, and memory. 2 points. Professor RUGER.

*261x-262x*—Field work in religious education. 4 points. Miss TALLMAN and others.

*283* or *284*—Supervised observation and teaching in the secondary school. 2 points either session. Professor STEVENS, Mrs. BENTON, and Mr. MORRISON.

*297-298*—Vocational guidance. 4 points. Mr. WEAVER and Professors SNEDDEN and BONSER.



403-404—Practicum. School surveys and the war emergency in education. 8 points. Professors STRAYER, TRABUE, and ENGELHARDT, and Mr. EVENDEN.

403x-404x—Field work in educational administration. 6 points. Professors STRAYER, TRABUE, and ENGELHARDT.

403x-404x—Field work in educational administration. 6 points. Professors STRAYER and ENGELHARDT.

411B-412B—Measurement and experimentation in elementary education. 6 points. Dr. MCCALL.

412x—Supervision of instruction. 3 points. Mr. HUNT.

417x-418x—Experimental teaching, supervision, and field work. 6 points. Miss DAY.

453-454—Practicum. Application of psychological and statistical methods to education. 8 points. Professor THORNDIKE and Dr. MCCALL.

456A—Mental and vocational tests and treatment of results. 3 points. Professor RUGER.

458—The mathematics of statistics. 3 points. (Not given 1918-1919.)

489-490—Practicum. Experimental and statistical problems in secondary education. 8 points. Professor BRIGGS.

493x-494x—Field work in vocational education. 6 points. Professor SNEDDEN.

#### SUMMER SESSION

sAa and b—Educational psychology. 4 points. Professors RUGER and WHITLEY.

s215—Methods of teaching in special classes. 2 points. Miss FARRELL.

s215x—Observation, experimentation, and teaching in connection with special classes. 2 points. Miss KEATOR.

s216—Supervision of special classes. 2 points. Miss FARRELL.

s251A—The psychology of childhood. 2 points. Professor WHITLEY.

s411B—Measurement in elementary education. 3 points. Dr. MCCALL.

s412B—Experimentation in elementary education. 3 points. Dr. MCCALL.

s417x—Experimental teaching and practice in supervision. 3 points. Miss DAY.

s451—Educational psychology. 4 points. Professor COLVIN.

s453—Practicum. Application of psychological and statistical methods to education. 4 points. Professor RUGER.

s458B—Psychology of the secondary school subjects. 3 points. Professor COLVIN.

### EDUCATIONAL ADMINISTRATION AND SCHOOL SUPERVISION

#### ADMINISTRATION OF EDUCATION

201—State and county school systems. 2 points. Professor STRAYER and Mr. EVENDEN.

202—City school administration. 2 points. Professors STRAYER and TRABUE, and Mr. EVENDEN.

202B—Organization and administration of rural schools. 2 points. Miss CARNEY.

203—The principal and his school. 2 points. Professor ENGELHARDT.

205A-206A—Problems for advisers of women and girls. 6 points. Professors STEVENS, GOODSSELL, and SNEDDEN, Miss DANIELL, and others.

210—Business administration of schools. 2 points. Professor ENGELHARDT.

287—The organization of secondary education; a survey. 2 points. Professor BRIGGS.

288—Organization and administration of the junior high school. 2 points. Professor BRIGGS.

403-404—Practicum. School surveys and the war emergency in education. 8 points. Professors STRAYER, TRABUE, and ENGELHARDT, and Mr. EVENDEN.

403A-404A—Practicum. Investigation in educational administration. 8 points. Professor ENGELHARDT and Mr. EVENDEN.

403x-404x—Field work in educational administration. 6 points. Professors STRAYER, TRABUE, and ENGELHARDT.

417-418—Practicum in normal school administration. 8 points. Professor BAGLEY.

473-474—Practicum in rural social surveys. 8 points. Dr. W. H. WILSON and Miss DUNN.

509-510—Seminar. Educational administration. Dean RUSSELL and Professors STRAYER and ENGELHARDT.

#### SUMMER SESSION

5201—State school systems. 2 points. Mr. HART.

5202—City school administration. 2 points. Professor ENGELHARDT.

5202B—The principal and his school. 2 points. Superintendent HUNTER.

5205A—Problems for advisers of women and girls. 2 points. Professors GOODSSELL and SNEDDEN, and others.

5209—Business administration of schools. 2 points. Professor ENGELHARDT.

5276—Rural school administration and supervision. 2 points. Professor PHELAN.

5284—Administrative problems of the high school. 2 points. Superintendent THOMPSON.

5289A—Organization and administration of the junior high school. 2 points. Professor BRIGGS.

5293A—Administration of vocational education. 2 points. Professor DEAN.

5299A—Organization and administration of commercial education. 2 points. Superintendent THOMPSON.

5403-404—Practicum. School surveys and other investigations in educational administration. 8 points. Professor STRAYER and Mr. HART.

5488—Practicum. The survey of secondary schools. 4 points. Professor KELLEY.

#### COMPARATIVE EDUCATION

203A-204A—Comparative study of foreign school systems. 4 points. Dr. KANDEL.

203B—Educational development in oriental countries. 2 points. Dr. SAILER.

269-270—Problems in missionary education. 4 points. Dr. SAILER.

407-408—Practicum. Comparative education. 6 points. Dr. KANDEL.

428—Historical and comparative study of the problems of secondary education. 3 points. Dr. KANDEL.

#### SUPERVISION OF INSTRUCTION

211x-212x—Experimental education in the elementary school. 4 points. Dr. McCALL.

213—Problems in method in contemporary education. 2 points. Professors MCMURRY, KILPATRICK, and HILL.

213A—School management. 3 points. Professor BAGLEY.

214A—The technique of teaching. 3 points. Professor BAGLEY.

216—Supervision of special classes. 2 points. Miss FARRELL.

217-218—Problems in class teaching in the elementary school, in relation to social reconstruction. 4 points. Miss DAY.

- 217x-218x—Experimental teaching. 4 points. Miss DAY.  
 231-232—The lower primary school. 4 points. Miss MOORE.  
 275—The preparation of rural teachers. 2 points. Miss CARNEY.  
 278—Supervision of country schools. 2 points. Miss DUNN.  
 411—Criticism and supervision of instruction in the elementary school with reference to the making of a curriculum. 3 points. Professor McMURRY.  
 411x—Practical work on a curriculum problem. 1 point. Mrs. MOSSMAN.  
 411A—Criticism and supervision of instruction in the elementary school, with special reference to methods of study. 3 points. Professor McMURRY and Mr. HUNT.  
 412x—Supervision of instruction. 3 points. Mr. HUNT.  
 411B-412B—Measurement and experimentation in elementary education. 6 points. Dr. McCALL.  
 414—Practicum. The making of elementary school curricula. 4 points. Professor BONSER and Mrs. MOSSMAN.  
 414B—Practicum. The making of elementary rural school curricula. 4 points. Professor BONSER and Mrs. MOSSMAN.  
 415-416—Normal school curricula. 6 points. Professor BAGLEY.  
 417-418—Practicum in normal school administration. 8 points. Professor BAGLEY.  
 417x-418x—Experimental teaching, supervision, and field work. 6 points. Miss DAY.  
 431-432—Practicum. Current problems in supervision and the training of teachers of young children. 8 points. Professor HILL and Miss BROWN.  
 435-436—Critical study of curricula and experiments in the education of young children. 6 points. Professor HILL and Miss BROWN.  
 485-486—Supervision of instruction in the secondary school. 6 points. Professor BRIGGS.  
 533-534—Seminar. Elementary education. Professors McMURRY and BONSER.

#### SUMMER SESSION

- s145—Theory and practice of teaching and supervising industrial arts in elementary schools. 2 points. Mrs. MOSSMAN and Professor BONSER.  
 s216—Supervision of special classes. 2 points. Miss FARRELL.  
 s276—Rural school administration and supervision. 2 points. Professor PHELAN.  
 s411A—Supervision of teaching. 3 points. Professor HOSIC.  
 s417—Experimental teaching and supervision. 3 points. Miss DAY.  
 s417x—Experimental teaching and practice in supervision. 3 points. Miss DAY.  
 s417A—Normal school curricula. 3 points. Professor BAGLEY.  
 s417B—School management. 3 points. Professor BAGLEY.  
 s431—Practicum. Current problems in the supervision of kindergartens and the training of kindergarten teachers. 4 points. Professor HILL.  
 s485—The supervision of instruction in secondary schools. 4 points. Professor BRIGGS.

#### EDUCATIONAL AND SCHOOL HYGIENE

- 104—(Biol.) Biology in education and social work. 2 points. Professor BIGELOW and Miss STACKPOLE.  
 183-184—Educational hygiene. 4 points. Professor WOOD.  
 187-188—Hygiene of childhood and adolescence, including sex-education. 4 points. Professor WOOD.

## THEORY AND PRACTICE OF TEACHING

## METHODS OF TEACHING IN NORMAL SCHOOLS

- 306A—The teaching of English in normal schools. 3 points. Professor BAKER.  
 332A—The teaching of history in normal schools. 3 points. Professor JOHNSON.  
 415-416—Normal school curricula. 6 points. Professor BAGLEY.  
 417-418—Practicum in normal school administration. 8 points. Professor BAGLEY.

## SUMMER SESSION

- 5417A—Normal school curricula. 3 points. Professor BAGLEY.

## METHODS IN LOWER PRIMARY

## Kindergarten-Primary

- 55—Beginnings of music for young children. 2 points. Miss ROBINSON.  
 58—Historical and critical study of Froebelian literature and materials. 2 points. Miss BURKE and Miss BIRCH.  
 101—Play materials in the education of young children. 2 points. Miss GARRISON.  
 101A-102A—Dramatic arts, plays, games, and dances of early childhood. 2 points. Miss BURKE.  
 101B-102B—Experimental playground. 2 points. Miss RANKIN.  
 103—Studies and experiments with materials leading to the fine arts. 2 points. Miss BROWN.  
 104—Studies and experiments with play materials leading to the industrial arts. 2 points. Miss BROWN.  
 109-110—Literature in the primary school. 4 points. Miss MOORE.  
 231-232—The lower primary school. 4 points. Miss MOORE.  
 231x-232x—Experimental teaching and practice in supervision in the lower primary school. 4 points. Miss MOORE.  
 235-236—Critical study and discussion of observation, and practice in the teaching of young children. 2 points. Miss BROWN and Miss GARRISON.  
 431-432—Practicum. Current problems in supervision and the training of teachers of young children. 8 points. Professor HILL and Miss BROWN.  
 435-436—Critical study of curricula and experiments in the education of young children. 6 points. Professor HILL and Miss BROWN.

## SUMMER SESSION

- 555a—(Kgtn.) Music for the kindergarten. 2 points. Miss KNEIP.  
 5102—(Kgtn.) Play materials for the kindergarten. 2 points. Miss GARRISON.  
 5103—(Kgtn.) Studies and experiments with materials leading to the fine arts. 2 points. Miss BROWN.  
 5104—(Kgtn.) Studies and experiments with play materials leading to the industrial arts. 2 points. Miss BROWN and Miss GARRISON.  
 5107—(Kgtn.) Plays, games, and drama for young children. 2 points. Mrs. CAROLINE CRAWFORD McLEAN.  
 5110—(Kgtn.) Experimental playground. 2 points. Miss RANKIN.  
 5231a—The unification of the kindergarten and the primary school. 2 points. Miss MOORE.  
 5239A—The dramatic arts in education. 2 points. Mrs. CAROLINE CRAWFORD McLEAN.  
 5431—Practicum. Current problems in the supervision of kindergartens and the training of kindergarten teachers. 4 points. Professor HILL.



5435A—A study of experiments in the education of young children. 3 points. Professor HILL and Miss BURKE.

METHODS IN ELEMENTARY SCHOOLS

109-110—Literature in the primary school. 4 points. Miss MOORE.

143-144—Industrial arts for the elementary grades. 4 points. Miss PATRICK.

145-146—Teaching industrial arts in elementary schools. 4 points. Mrs. MOSSMAN and Professor BONSER.

158A—The teaching of thrift, savings, and investment. 2 points. Mr. BRECKENRIDGE.

211-212—Theory and practice of teaching in elementary schools. 6 points. Professors BAKER, BIGELOW, JOHNSON, UPTON, MCFARLANE, and MADDOX.

211E—The teaching and supervision of arithmetic in elementary schools and in the junior high school. 2 points. Professor UPTON.

211x-212x—Experimental education in the elementary school. 4 points. Dr. MCCALL.

213A—School management. 3 points. Professor BAGLEY.

214A—The technique of teaching. 3 points. Professor BAGLEY.

215—Methods of teaching in special classes. 2 points. Miss FARRELL.

215x or 216x—Observation, experimentation, and teaching in connection with special classes. 2 points either session. Miss FARRELL, Professor BONSER, and Dr. HOLLINGWORTH.

217-218—Problems in class teaching in the elementary school in relation to social reconstruction. 4 points. Miss DAY.

217x-218x—Experimental teaching. 4 points. Miss DAY.

219-220—Methods of teaching in the elementary school. 4 points. Miss MOORE.

231-232—The lower primary school. 4 points. Miss MOORE.

411—Criticism and supervision of instruction in the elementary school, with reference to the making of a curriculum. 3 points. Professor McMURRY.

411x—Practical work on a curriculum problem. 1 point. Mrs. MOSSMAN.

411A—Criticism and supervision of instruction in the elementary school, with special reference to methods of study. 3 points. Professor McMURRY and Mr. HUNT.

412x—Supervision of instruction. 3 points. Mr. HUNT.

411B-412B—Measurement and experimentation in elementary education. 6 points. Dr. MCCALL.

414—Practicum. The making of elementary school curricula. 4 points. Professor BONSER and Mrs. MOSSMAN.

414B—Practicum. The making of elementary rural school curricula. 4 points. Professor BONSER and Mrs. MOSSMAN.

417x-418x—Experimental teaching, supervision, and field work. 6 points. Miss DAY.

458A—Psychology of the elementary school subjects. 3 points. Professor THORNDIKE and Dr. GATES.

533-534—Seminar. Elementary education. Professors McMURRY and BONSER.

SUMMER SESSION

510—Demonstration school. 1 point. Professor PEARSON, Mr. HUNT, and Miss DAY.

531—Methods of teaching in the elementary school, with special reference to the primary grades. 2 points. Miss MOORE.

- s32*—Methods of teaching in upper grades. 2 points. Miss GILDEMEISTER.
- s33*—Methods of teaching in the primary grades with emphasis on training pupils how to study. 2 points. Miss NOONAN.
- s35*—The teaching of English in the primary grades. 2 points. Miss GILDEMEISTER.
- s36*—The teaching of English in grammar grades. 2 points. Professor BAKER.
- s37*—Methods of teaching English to foreigners. 2 points. Mr. GOLDBERGER.
- s143* and *s144*—Industrial arts for the elementary school. Each 2 points. Miss BENTLEY, Miss WELLES, and Miss PATRICK.
- s145*—Theory and practice of teaching and supervising industrial arts in elementary schools. 2 points. Mrs. MOSSMAN and Professor BONSER.
- s213A*—Problems of normal school instruction. 2 points. Miss NOONAN.
- s214*—Socializing the elementary school curriculum. 2 points. Professor BONSER.
- s214B*—The rural school curriculum. 2 points. Professor PHELAN.
- s215*—Methods of teaching in special classes. 2 points. Miss FARRELL.
- s215x*—Observation, experimentation, and teaching in connection with special classes. 2 points. Miss KEATOR.
- s231a*—The unification of the kindergarten and the primary school. 2 points. Miss MOORE.
- s292*—Public school curricula. 2 points. Professor SNEDDEN.
- s411A*—Supervision of teaching. 3 points. Professor HOSIC.
- s411B*—Measurement in elementary education. 3 points. Dr. MCCALL.
- s412B*—Experimentation in elementary education. 3 points. Dr. MCCALL.
- s413*—Practicum. The making of the elementary school curriculum. 4 points. Professor BONSER.
- s417*—Experimental teaching and supervision. 3 points. Miss DAY.
- s417x*—Experimental teaching and practice in supervision. 3 points. Miss DAY.

## METHODS IN SECONDARY SCHOOLS

### GENERAL COURSES

- 281*—Conduct of the recitation in secondary schools. 2 points. Professor STEVENS.
- 283* or *284*—Supervised observation and teaching. 2 points either session. Professor STEVENS, Mrs. BENTON, and Mr. MORRISON.
- 283A*–*284A*—Methods of teaching secondary academic subjects. 6 points. Professors LODGE, WOODHULL, BIGELOW, MCFARLANE, JOHNSON, BAKER, BAGSTER-COLLINS, SMITH, UPTON, and KELLEY, and Mr. DIDCOCK.
- 285*—The curriculum of the secondary school. 2 points. Professor STEVENS. (Not given 1918–1919.)
- 287*—The organization of secondary education: a survey. 2 points. Professor BRIGGS.
- 288*—Organization and administration of the junior high school. 2 points. Professor BRIGGS.
- 290*—Social organization and control of the secondary school. 2 points. Professor STEVENS. (Not given 1918–1919.)
- 428*—Historical and comparative study of the problems of secondary education. 3 points. Dr. KANDEL.
- 458B*—Psychology of the secondary school subjects. 3 points. Professor RUGER.
- 485*–*486*—Supervision of instruction in the secondary school. 6 points. Professor BRIGGS.

- 489-490—Practicum. Experimental and statistical problems in secondary education. 8 points. Professor BRIGGS.  
 587-588—Seminar. Professor BRIGGS.

SUMMER SESSION

- 5199—The organization of science in the high school. 2 points. Professor CALDWELL.  
 5281—Conduct of the recitation in secondary schools. 2 points. Dr. FRETWELL.  
 5281A—The theory and practice of teaching in the junior high school. 2 points. Mr. HUNT.  
 5284—Administrative problems of the high school. 2 points. Superintendent THOMPSON.  
 5289A—Organization and administration of the junior high school. 2 points. Professor BRIGGS.  
 5458B—Psychology of the secondary school subjects. 2 points. Professor COLVIN.  
 5485—The supervision of instruction in secondary schools. 4 points. Professor BRIGGS.  
 5488—Practicum. The survey of secondary schools. 4 points. Professor KELLEY.

BIOLOGY

- 104—(Biol.) Biology in education and social work. 2 points. Professor BIGELOW and Miss STACKPOLE.  
 106—Teaching of nature-study. 2 points. Professors BIGELOW and BROADHURST, and Miss STACKPOLE.  
 301—Teaching of biological sciences in secondary schools. 3 points. Professors BIGELOW and BROADHURST.  
 302A—The organization of science in the high school. 3 points. Professor CALDWELL.  
 303-304—Practicum in teaching biological sciences. 8 points. Professors BIGELOW and BROADHURST.

SUMMER SESSION

- 51—(Nat. St.) Biological nature-study. 2 points. Professor BROADHURST and Miss STACKPOLE.  
 5104—Social hygiene and sex-education. 2 points. Miss STACKPOLE, Professor BIGELOW, and special lecturers.  
 5105—Nature-study for teachers. 2 points. Professors BROADHURST and BIGELOW, and Miss STACKPOLE.  
 5153—(Biol.) Biology applied to physiology and hygiene for teachers. 2 points. Miss STACKPOLE and Professor BIGELOW.  
 5199—The organization of science in the high school. 2 points. Professor CALDWELL.  
 5199B—Special problems in science teaching. 2 points. Professor CALDWELL.  
 5212g—The teaching of nature-study in elementary schools. 1 point. Professors BROADHURST and BIGELOW.  
 5301A—Materials and methods for teaching applied biology. 3 points. Professors BIGELOW and BROADHURST, and Miss STACKPOLE.

ENGLISH

- 107—Teaching English to foreigners. 2 points. Miss DILLER.  
 109-110—Literature in the primary school. 4 points. Miss MOORE.  
 305-306—The teaching of English in secondary schools. 6 points. Professor BAKER.

- 306A—The teaching of English in normal schools. 3 points. Professor BAKER.
- 307-308—Practicum in the teaching of English in secondary schools. 8 points. Professor BAKER.
- 307C-308C—Practicum. Professional problems in the teaching of English in secondary schools. 8 points. Professor ABBOTT.
- 309—The college teaching of composition. 3 points. Professor BALDWIN.
- 310—The development of the theory of composition. 3 points. Professor BALDWIN.
- 309A-310A—Principles of English usage. 6 points. Professor KRAPP. (Not given 1918-1919.)
- A—(Eng.) Composition and literature. 6 points. Professor ABBOTT, Dr. COOK, Miss DILLER, Miss HALL, and Mr. HUDELSON.
- B—(Eng.) Composition and literature. 6 points. Dr. COOK, Miss HILL, and Miss DILLER.
- C—(Eng.) Supplementary English composition. Dr. COOK.
- I—(Eng.) Composition. 2 points. Professor ABBOTT.
- 71-72—(Eng.) Nineteenth century writers. 4 points. Professor BAKER and Miss HILL.
- 75-76—(Eng.) Typical forms of literature. 4 points. Professor ABBOTT and Miss DILLER.
- 77-78—(Eng.) American literature. 4 points. Dr. COOK.
- 112—(Prac. Arts) Writing for publication. 3 points. Professor ABBOTT.

## SUMMER SESSION

- s35—The teaching of English in the primary grades. 2 points. Miss GILDEMEISTER.
- s36—The teaching of English in grammar grades. 2 points. Professor BAKER.
- s37—Methods of teaching English to foreigners. 2 points. Mr. GOLDBERGER.
- s61—The foundations of high school literature. 2 points. Professor ABBOTT.
- s62—The foundations of high school composition. 2 points. Mr. HUDELSON.
- s307A—The teaching of literature in secondary schools. 3 points. Professor BAKER.
- s308A—The teaching of English composition in secondary schools. 3 points. Professor ABBOTT.
- s307B—The teaching of literature in the junior high school. 3 points. Professor HOSIC.
- s308B—The teaching of English composition and grammar in the junior high school. 3 points. Mr. LEONARD.
- s2—(Lib. Econ.) Administration of the school library. 2 points. Miss HALL (the high school) and Miss WILSON (the normal school).

## GEOGRAPHY

- 105-106—(Geog.) Industrial and commercial geography. 4 points. Professors MCFARLANE and LEHNERTS.
- 321-322—The teaching of geography in secondary schools. 6 points. Professor MCFARLANE.
- 323-324—Regional geography. 6 points. Professor LEHNERTS.

## SUMMER SESSION

- s121—General geography for elementary schools. 2 points. Professor GREGORY.
- s121e—The teaching of geography in the lower grades. 1 point. Professor GREGORY.



*5212f*—The teaching of geography in the upper grades. 1 point. Professor GREGORY.

*5212v*—The teaching of regional geography in the junior high school. 1 point. Professor GREGORY.

#### HISTORY

*211C*—Illustrative lessons in history. 2 points. Professor JOHNSON.

*211D*—Illustrative lessons in government. 2 points. Professor JOHNSON.

*331*—The teaching of history in secondary schools. 3 points. Professor JOHNSON.

*332*—The history of school instruction in history. 3 points. Professor JOHNSON.

*332A*—The teaching of history in normal schools. 3 points. Professor JOHNSON.

*333-334*—Practicum. The literature of American history. 8 points. Professor JOHNSON.

*A*—(Hist.) Modern and contemporary history. 6 points. Miss TOWNSEND.

*B*—(Hist.) Social history of industry. 6 points. Professor GAMBRILL.

*345-346*—(Hist.) Social and industrial history of the United States. 6 points. Professor GAMBRILL.

#### SUMMER SESSION

*5133A*—The teaching of government in secondary schools. 2 points. Professor DAWSON.

*5211c*—Illustrative lessons in contemporary history. 2 points. Professor JOHNSON.

*5212d*—Illustrative lessons in government. 2 points. Professor DAWSON.

*5332A*—The teaching of history. 3 points. Professor JOHNSON.

#### LATIN

*151-152*—The teaching of Latin in secondary schools. 4 points. Professor LODGE.

*351-352*—Practicum in Latin—Cæsar and Vergil. 8 points. Professor LODGE.

*521-522*—Problems in Latin syntax. 8 points. Professor LODGE.

*211-212*—(Lat.) Latin vocabulary and conversation. 4 points. Professor LODGE.

#### SUMMER SESSION

*5151*—Methods of teaching Latin. 2 points. Dr. KIRTLAND.

*5152*—Demonstration class in beginning Latin. 2 points. Dr. KIRTLAND.

#### MATHEMATICS

*31-32*—(Math.) Industrial mathematics. 4 points. Mr. BRECKENRIDGE.

*157*—Current questions in the teaching of secondary mathematics. 2 points. Professors SMITH and UPTON, and Mr. BRECKENRIDGE.

*158A*—The teaching of thrift, savings, and investment. 2 points. Mr. BRECKENRIDGE.

*159-160*—The teaching of applied mathematics. 4 points. Mr. BRECKENRIDGE.

*211E*—The teaching and supervision of arithmetic in elementary schools and in the junior high school. 2 points. Professor UPTON.

*351-352*—(Math.) History of mathematics. 6 points. Professor SMITH.

*353-354*—(Math.) Practicum in the history of mathematics. 8 points. Professor SMITH.

*357*—The teaching of algebra in secondary schools. 3 points. Mr. BRECKENRIDGE.

*358*—The teaching of geometry in secondary schools. 3 points. Professor UPTON.

*359-360*—Practicum in the teaching of mathematics. 8 points. Professor SMITH.

553-554—(Math.) Seminar in the history of mathematics. 8 points. Professor SMITH.

557-558—Seminar in the teaching of mathematics. Professor SMITH.

#### SUMMER SESSION

531—(Math.) Industrial mathematics. 2 points. Mr. BRECKENRIDGE.

5157B—The teaching of mathematics in commercial high schools. 2 points. Mr. SCHLAUCH.

5159—The teaching of applied mathematics. 2 points. Mr. BRECKENRIDGE.

5160—The teaching of applied and industrial mathematics. 2 points. Mr. BRECKENRIDGE.

5211e—The teaching and supervision of elementary arithmetic. First six grades. 1 point. Professor UPTON.

5212h—The teaching and supervision of arithmetic. Grammar grades. 1 point. Professor UPTON.

5212t or 5212p—The teaching and supervision of mathematics in the junior high school. 1 or 2 points. Professor UPTON.

5357A—Theory and practice of teaching algebra in secondary schools. 3 points. Professor UPTON and Mr. BRECKENRIDGE.

5358A—Theory and practice of teaching geometry in secondary schools. 3 points. Professor UPTON and Mr. BRECKENRIDGE.

#### MODERN LANGUAGES

119-120—Methods of teaching conversational French and French pronunciation. 2 points. Dr. CLARK.

130—Phonetics. 3 points. Professor BAGSTER-COLLINS.

317-318—The teaching of French and Spanish in secondary schools. 6 points. Dr. CLARK.

328—Methods of teaching foreign languages. 3 points. Professor BAGSTER-COLLINS.

330—Practicum. The selection and editing of modern language text-book material. 4 points. Professor BAGSTER-COLLINS.

A—(Fr.) Elementary French. 6 points. Professor BALLARD and Dr. HARVITT.

B—(Fr.) Intermediate French. 6 points. Professor BALLARD and Dr. HARVITT.

53-54—(Fr.) Educational French. 4 points. Professor BALLARD.

A—(Ger.) Elementary German. 6 points. Mr. BACH.

B—(Ger.) Intermediate German. 6 points. Mr. BACH.

C—(Ger.) Conversation and composition. 4 points. Mr. BACH.

53-54—(Ger.) Educational German. 4 points. Professor Bagster-Collins and Mr. BACH.

A—(Spanish) Elementary Spanish. 6 points. Mr. BACH.

#### SUMMER SESSION

5117—Demonstration class in the teaching of French. 2 points. Dr. CLARK.

5119—Methods of teaching conversational French and French pronunciation. 2 points. Dr. CLARK.

5317A—The teaching of French and Spanish in secondary schools. 3 points. Dr. CLARK.

#### PHYSICAL SCIENCE

197-198—The teaching of physical science in secondary schools. Chemistry and physics. 4 points. Professor WOODHULL and Mr. GOOD.

197A-198A—The teaching of laboratory physics in secondary schools. 4 points. Mr. GOOD and assistants.

302A—The organization of science in the high school. 3 points. Professor CALDWELL.

395-396—The history of physical science. 6 points. Professor WOODHULL.

397-398—Practicum in physical science. 8 points. Professor WOODHULL.

597-598—Seminar in the history and teaching of physical science. Professor WOODHULL.

#### SUMMER SESSION

5197—The teaching of physical science in secondary schools. Physics. 2 points. Mr. GOOD and Mr. VON HOFE.

5197A—The teaching of laboratory physics in secondary schools. 2 points. Mr. GOOD and Mr. VON HOFE.

5198—The teaching of physical science in secondary schools. Chemistry. 2 points. Mr. WILLIAMS.

5199—The organization of science in the high school. 2 points. Professor CALDWELL.

5199B—Special problems in science teaching. 2 points. Professor CALDWELL.

5211d—The teaching of general science in the elementary and in the junior high schools. 2 points. Mr. WILLIAMS.

5397—Practicum. The history and teaching of physical science. 4 points. Mr. GOOD.

#### VOCATIONAL EDUCATION

##### VOCATIONAL EDUCATION

294B—Vocations for girls and women. 2 points. Professors SNEDDEN and COOLEY, and special lecturers.

295-296—Vocational education. 4 points. Professor SNEDDEN.

297-298—Vocational guidance. 4 points. Mr. WEAVER and Professors SNEDDEN and BONSER.

456A—Mental and vocational tests and treatment of results. 3 points. Professor RUGER.

493x-494x—Field work in vocational education. 6 points. Professor SNEDDEN.

496—Practicum. Current problems in practical arts education. 4 points. Professor Snedden.

#### SUMMER SESSION

5293—Problems in vocational education. 2 points. Professor DEAN.

5293A—Administration of vocational education. 2 points. Professor DEAN.

5297—Vocational guidance. 2 points. Professors SNEDDEN, DEAN, BONSER, and RUGER, and Dr. ALLINSON.

5297A—Current problems in practical arts education. 2 points. Professors DEAN, BONSER, SNEDDEN, and COOLEY, Miss CARNEY, and Superintendent THOMPSON.

5299A—Organization and administration of commercial education. 2 points. Superintendent THOMPSON.

#### RURAL EDUCATION

140—Teaching of household arts in rural communities. 2 points. Professor SPOHR.

140x—Field work in household arts for rural communities. 2 points. Professor SPOHR.

- 202B—Organization and administration of rural schools. 2 points. Miss CARNEY.  
 273—Ruralsociology and economics. 2 points. Dr. W. H. WILSON.  
 275—The preparation of rural teachers. 2 points. Miss CARNEY.  
 278—Supervision of country schools. 2 points. Miss DUNN.  
 277A-278A—Problems of the country school. 4 points. Miss CARNEY, and Professors WOOD and SPOHR.  
 414B—Practicum. The making of elementary rural school curricula. 4 points. Professor BONSER and Mrs. MOSSMAN.  
 473-474—Practicum in rural social surveys. 8 points. Dr. W. H. WILSON and Miss DUNN.

## SUMMER SESSION

- 5139—Teaching household arts in rural schools. 2 points. Professor SPOHR.  
 5140—Directing household arts in rural communities. 2 points. Professor SPOHR.  
 5214B—The rural school curriculum. 2 points. Professor PHELAN.  
 5273—Rural sociology in relation to education and social service. 2 points. Dr. W. H. WILSON.  
 5274—Rural economics in relation to the school. 2 points. Dr. W. H. WILSON.  
 5275—The preparation of rural teachers. 2 points. Miss CARNEY.  
 5276—Rural school administration and supervision. 2 points. Professor PHELAN.

## RELIGIOUS EDUCATION

- 61x-62x—Practice in Sunday School teaching. 2 points. Supervised by Miss TALLMAN.  
 261—Reconstruction of method in religious education. 2 points. Miss TALLMAN in coöperation with Professors COE and HARTSHORNE.  
 262—Special methods of religious education. 2 points. Miss TALLMAN and Miss RANKIN.  
 261x-262x—Field work in religious education. 4 points. Miss TALLMAN and others.  
 263-264—The use of the Bible in religious education. 4 points. Miss TALLMAN.  
 269-270—Problems in missionary education. 4 points. Dr. SAILER.  
 149—(Bib. Lit.) The religion of the Old Testament. 2 points. Professor BEWER.  
 150—(Bib. Lit.) The religion of the New Testament. 2 points. Professor BEWER.

## SUMMER SESSION

- 5261A—Teacher-training courses in the Sunday School. 2 points. Miss TALLMAN.  
 5263A—The use of the Bible in the Sunday School. 2 points. Miss TALLMAN.

## SCOUTING AND RECREATIONAL LEADERSHIP

- 195A—Principles and practices of scouting and scoutcraft. 2 points. Dr. FRETWELL, Mr. SMITH, and specialists.  
 195B—Recreational education. 2 points. Dr. FRETWELL, Mr. ATKINSON, Mr. PEARSON, and specialists.  
 196D—Scout executives course. 2 points. Mr. SMITH and specialists.

## SUMMER SESSION

- 5195C—Principles and practices of scouting and scoutcraft. 2 points. Dr. FRETWELL, Mr. STETSON, and special lecturers.  
 5195D—Scout executives course. 2 points. Dr. FRETWELL, Mr. STETSON, and special lecturers.



## PRACTICAL ARTS EDUCATION

*For technical courses in Practical Arts, see page 160*

## FINE ARTS

111-112—Theory and practice of teaching art. 4 points. Professor DOW and Miss DEMENT.

111x-112x—Practical work, supplementary to 111-112. 4 points. Miss DEMENT.

113—Supervision of fine arts. 2 points. Professor DOW.

311—Practicum. 4 points. Professor DOW.

## HOUSEHOLD ARTS

135-136—Teaching of household arts in schools. 4 points. Professors COOLEY, WINCHELL, and SPOHR, and Miss MARSHALL.

135x—Preliminary practical work in household arts teaching. 1 point.

136x—Practical work supplementary to 135-136. 2 points.

136A—Teaching of household arts in vocational schools or classes for girls. 2 points. Professor COOLEY and specialists.

137-138—Supervision in the household arts. 4 points. Professors COOLEY and WINCHELL.

140—Teaching of household arts in rural communities. 2 points. Professor SPOHR.

140x—Practical work supplementary to 140. 2 points.

294B—Vocations for girls and women. 2 points. Professors SNEDDEN and COOLEY, and special lecturers.

335-336—Organization and teaching of household arts in normal schools and colleges. 4 points. Professors COOLEY and WINCHELL and others.

336x—Practice teaching in household arts. 2 points. Professors VAN ARSDALE, WINCHELL, FALES, COOLEY, and GUNTHER.

337-338—Practicum in household arts education. 8 points. Professors COOLEY and WINCHELL.

## INDUSTRIAL ARTS

143-144—Industrial arts for the elementary grades. 4 points. Miss PATRICK.

144A—Experimental problems in industrial arts for the elementary grades. 2 points. Miss PATRICK.

143B-144B—Industrial arts for social and religious workers. 4 points. Miss PATRICK.

145-146—Teaching industrial arts in elementary schools. 4 points. Mrs. MOSSMAN and Professor BONSER.

146x—Practical work supplementary to 145-146. 2 points.

148—Principles of teaching industrial arts in the junior high school. 3 points. Mr. BOWMAN.

148—Industrial arts for junior and regular high schools. 2 points. Mr. BOWMAN.

150—Analysis of industries for teaching and vocational guidance. 3 points. Mr. BOWMAN.

## MUSIC

60—Teaching the violin and ensemble playing. 2 points. Mr. STOWELL.

87-88—Piano teaching. 4 points. Mrs. COWL.

161-162—The teaching of school music. 4 points. Miss LATHAM.

162x—Practical work supplementary to 161-162. 2 points.

163-164—Supervision of school music. 4 points. Professor FARNSWORTH.

- 164x*—Practical work supplementary to *163-164*. 2 points.  
*167-168*—Teaching of speech (Oral English). 4 points. Professor LATHAM and assistant.  
*181*—School and community festivals. 2 points. Professors LATHAM, ABBOTT, FARNSWORTH, Miss COLBY, Miss DILLER, and others.  
*182*—Dramatization. 2 points. Professor LATHAM and others.  
*363-364*—Practicum in the teaching of school music. 6 points. Professor FARNSWORTH.

## NURSING AND HEALTH

- 170*—Teaching of nursing principles and methods. 2 points. Professor STEWART.  
*170x*—Nursing practice. 1 point supplementary to *170*.  
*171*—Teaching in schools of nursing. 2 points. Professor STEWART.  
*171x*—Observation and practice work, supplementary to *171*. 2 points.  
*173*—Administration in schools of nursing. 2 points. Professor NUTTING.  
*176*—Teaching of health principles. 2 points. Miss HUDSON.  
*176x*—Teaching practice. 1 point, supplementary to *176*.  
*178*—Organization and supervision in public health nursing. 2 points. Miss CRANDALL and special lecturers.  
*371-372*—Practicum in nursing. 4 points. Professor NUTTING.

## PHYSICAL EDUCATION

- 183-184*—Educational hygiene. 4 points. Professor WOOD.  
*185-186*—Play and playgrounds. 4 points. Mr. GIBNEY.  
*186x*—Practical work in connection with *185-186*. 2 points.  
*187-188*—Hygiene of childhood and adolescence. 4 points. Professor WOOD.  
*189-190*—Teaching of hygiene and physical education. 4 points. Professor WOOD and assistants.  
*190x*—Practical work in connection with *189-190*. 2 points.  
*193-194*—Dramatic expression in physical education. 4 points. Miss COLBY and Madame ALBERTI.  
*295-296*—Problems in hygiene and physical education. 6 points. Professor WOOD and others.  
*295x-296x*—Supplementary to *295-296*. 6 points.  
*389-390*—Practicum in hygiene and physical education. 6 points. Professor WOOD.

## SUMMER SESSION

## FINE ARTS

- 5111a*—Teaching of Fine Arts. 1 point.

## HOUSEHOLD ARTS

- 5135A*—Teaching of clothing, textiles, and house furnishing in elementary schools. 2 points. Miss CHACE.  
*5135B*—Teaching of foods, nutrition, and sanitation in elementary schools. 2 points. Miss MARSHALL.  
*5136A*—Teaching of clothing, textiles, and house furnishing in secondary schools. 2 points. Miss CHACE.  
*5136B*—Teaching of foods, nutrition, and sanitation in secondary schools. 2 points. Professor WINCHELL.  
*5137*—Supervision of household arts. 2 points. Professor COOLEY.

*s139*—Teaching household arts in rural schools. 2 points. Professor SPOHR.

*s140*—Directing household arts in rural communities. 2 points. Professor SPOHR.

#### INDUSTRIAL ARTS EDUCATION

*s101*—Industrial Arts for the junior high school. 2 points. Mr. EDGERTON.

*s143a*—Industrial arts for primary grades. 2 points. Miss BENTLEY and Miss WELLES.

*s143b*—Industrial arts for intermediate grades. 2 points. Miss PATRICK and Miss HOUSE.

*s144*—Industrial arts for intermediate grades. 2 points. Miss PATRICK and Miss HOUSE.

*s145*—Theory and practice of teaching and supervising industrial arts in elementary schools. 2 points. Mrs. MOSSMAN and Professor BONSER.

*s147*—Theory and practice of teaching industrial arts in junior high schools. 2 points. Mr. EDGERTON.

*s147x*—Practice teaching supplementary to *s147*. 2 points.

*s212k*—Industrial arts for primary grades, briefer course. 1 point. Miss BENTLEY.

*s212n*—Theory and practice of teaching industrial arts in junior high schools. 1 point. Mr. EDGERTON.

#### MUSIC AND SPEECH

*s161a*—The teaching of school music. 2 points. Miss CURRY.

*s161b*—Demonstrations in the teaching of school music. 2 points. Miss CURRY.

*s182*—Dramatization. 2 points. Professor LATHAM and others.

#### NURSING AND HEALTH

*s170*—Teaching of nursing principles and methods. 2 points. Professor STEWART.

*s176*—Teaching of health principles. 1 point. Professor STEWART and assistant.

*s178*—Organization and supervision in public health nursing. 2 points. Miss CRANDALL and others.

#### PHYSICAL EDUCATION

*s172*—Personal hygiene. 2 points. Professor WILLIAMS.

*s185*—Fundamentals of playground and recreation work. 2 points. Mr. FETTE.

*s189*—Teaching of physical education. 2 points. Professor WILLIAMS, Miss COLBY, Miss WESTON, and Mr. WARDLAW.

*s189x*—Observation and practice. 1 point supplementary to *s189*.

*s191*—Administration of physical education. 2 points. Professor WILLIAMS.

*s192*—Teaching of hygiene in the elementary school. 3 points. Miss REESOR.

*s193*—Dramatic expression in physical education. 2 points. Madame ALBERTI and Miss COLBY.

#### ELECTRICAL ENGINEERING

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193.

*Professor:* W. I. SLICHTER (*Executive Officer*).

*Associate Professor:* J. H. MORECROFT.

*Assistant Professors:* M. ARENDT and F. W. HEHRE.

*Instructors:* F. R. KELLER and F. L. MASON.

Professors M. I. PUPIN and A. P. WILLS of the Department of Physics give instruction in electro-mechanics to the electrical engineering students.

101—Elements of electrical engineering. 2 hours. Professor SLICHTER.

102—Electrical machinery. 2 hours. Professor MORECROFT.

103 or 104—Elements of alternating current engineering. 2 hours. Professors MORECROFT and ARENDT.

106—Alternating current machinery. 2 hours. Professor ARENDT.

108—Design of direct current machinery. C 3 hours, L 1 afternoon. Professor ARENDT.

110—Electrical communication. 2 hours. Professor ARENDT.

117 or 118—Direct current machine laboratory. C 1 hour, L 1 afternoon. Professor HEHRE and Mr. KELLER.

119 or 120—Alternating current machine laboratory. C 1 hour, L 1 afternoon. Professor MORECROFT and Mr. KELLER.

121 and 122—Direct current machine laboratory (for E. E. students only). C 3 hours, L 2 afternoons. Professor HEHRE.

The Department of Electrical Engineering gave a large number of courses in Electrical Engineering and Radio Engineering in the Air Service School for Radio Officers maintained by the U. S. Army at Columbia University from April 1, 1918, to February 1, 1919.

#### STUDENTS' ARMY TRAINING CORPS

1H—(same as 103 above).

1L—(same as 101 above).

1M—(same as 121 above).

1N—(same as 117 above).

#### SUMMER SESSION

s101-102—Elements of electrical engineering and elements of electrical machinery, 4 points. Professor MORECROFT.

s132—Electrical machine laboratory, D. C. machines and A. C. machines. 5 points. Professor HEHRE.

s14—Radio telegraphy, elementary. 3 points. Professor MORECROFT.

#### EXTENSION TEACHING

e1—Elements of electrical engineering. 2 evenings a week first term. 3 points. Mr. KELLER.

e2—Principles of direct current machinery. 2 evenings a week second term. 3 points. Mr. KELLER and assistant, including laboratory.

e3—Elements of alternating currents. 2 evenings a week first term. 3 points. Professor HEHRE and assistants.

e4—Principles of alternating current machinery. 2 evenings a week second term. 3 points. Professor HEHRE and assistant, including laboratory.

e5—Radio telegraphy. 1 evening a week first term. 2 points. Professor MORECROFT.

e6—Radio telegraphy. 1 evening a week second term. 2 points. Professor MORECROFT.

*Equipment.* The offices, laboratories, museums, and lecture-rooms of the electrical engineering department are in the Engineering Building.

The laboratories located in the basement contain direct and alternating current machinery and apparatus. The various machines in these laboratories are, respectively, examples of constant-potential generators, constant-current arc-lighting dynamos, many types of stationary and railway motors and motor-dynamos. Complete sets



of ampere, volt, and watt meters, speed indicators, transmission and absorption dynamometers are available for testing the various generators and motors.

The alternating current apparatus includes single-phase and polyphase generators, induction and synchronous motors, rotary converters, mercury arc rectifiers, and various types and sizes of transformers. Test boards and complete sets of alternating current measuring instruments and curve-tracing apparatus, such as an oscillograph and onodograph, are also provided.

The lecture-rooms are provided with an ample supply of electrical currents of different forms, and other facilities for experimental demonstrations. The museum contains collections of apparatus, models, and materials relating to electrical engineering.

The large instrument laboratory on the third floor contains various forms of galvanometers, ampere balances, potentiometers, standard cells and resistances, measuring apparatus, laboratory standard volt and ammeters, as well as the high-tension testing sets. A storage battery is provided for testing, calibration, and standardization purposes.

The photometric laboratory of this department is equipped with various forms of photometers for gas, arc, and incandescent lamp testing.

The library of the department is located on the ground floor of the Engineering Building and contains a carefully selected number of books and periodicals which are in frequent use as references while the main library contains books that are less frequently in demand.

## ENGLISH AND COMPARATIVE LITERATURE

*See introductory paragraphs, page 67*

For Transition Courses (V2, etc.) given in January, 1919, see p. 193.

*Professors:* F. T. BAKER, C. S. BALDWIN, W. T. BREWSTER, J. W. CUNLIFFE, J. ERSKINE, J. B. FLETCHER, V. C. GILDERSLEEVE, G. P. KRAPP, W. W. LAWRENCE, BRANDER MATTHEWS, G. C. D. ODELL, A. H. THORNDIKE (*Executive Officer*), and W. P. TRENT.

*Associate Professor:* G. A. HUBBARD.

*Assistant Professors:* A. ABBOTT, H. M. AYRES, D. S. FANSLER, F. A. PATTERSON, H. R. STEEVES, A. DEV. TASSIN, and E. H. WRIGHT.

*Associates:* C. VAN DOREN and M. F. WEEKS.

*Instructors:* D. BREWSTER, O. S. COAD, R. F. DIBBLE, W. HALLER, C. M. HOWARD, R. F. JONES, M. W. LATHAM, J. H. H. LYON, G. W. MEAD, G. H. MULLIN, E. STURTEVANT, R. M. WEAVER, R. TAYLOR, and D. L. CLARK.

*Lecturer:* E. DAVIS.

### COLUMBIA COLLEGE

A1-A2—English composition. 3 hours. 6 points. Professors ODELL, STEEVES, WRIGHT, Dr. COAD, Mr. DIBBLE, Mr. WEAVER, and Mr. MEAD.

B1-B2—Survey of English literature. 2 hours. 4 points. Professor STEEVES and Mr. WEAVER.

H3-H4—Honors conference. Eighteenth century literature. Professor ODELL.

19-20—American literature. 2 hours. 4 points. Professor BRANDER MATTHEWS.

23-24—English literature from 1780 to 1830. 3 hours. 6 points. Professor ODELL.

203—The college teaching of English Composition. 2 hours. 3 points. Professor BALDWIN.

e205—Principles of English usage. 2 hours. 3 points. Professor KRAPP.

e206—Standard English pronunciation. 2 hours. 3 points. Professor KRAPP.

## 118 ENGLISH AND COMPARATIVE LITERATURE

- 215—Anglo-Saxon prose. 2 hours. 3 points. Professor AYRES.  
 218—Beowulf. 2 hours. 3 points. Professor LAWRENCE.  
 219-220—Middle English language and literature. 2 hours. 6 points. Professor KRAPP.  
 223-224—Introduction to medieval literature in England. 2 hours. 6 points. Professor LAWRENCE.  
 227-228—Chaucer. 2 hours. 6 points. Professor AYRES.  
 230—English literature, 1559-1625. 2 hours. 3 points. Professor FLETCHER.  
 231-232—English literature in the seventeenth century. 2 hours. 6 points. Professor TRENT.  
 237-238—English literature, 1832 to 1880. 2 hours. 6 points. Professor THORNDIKE.  
 243-244—Shakespeare as a playwright. 2 hours. 6 points. Professor BRANDER MATTHEWS.  
 251-252—The English drama from the beginning to 1642. 2 hours. 6 points. Professor THORNDIKE.  
 255-256—Modern drama. 6 points. Professor ODELL.  
 261—Dr. Johnson and his circle. 2 hours. 3 points. Professor WRIGHT.  
 267-268—American literature. 2 hours. 6 points. Professor VAN DOREN.  
 301-302—Seminar. Problems in English language. 2 hours. 6 points. Professor KRAPP.  
 305-306—Seminar. Studies in American literature. 2 hours. 6 points. Professor TRENT.  
 307-308—Seminar. Studies in Victorian literature. 2 hours. 6 points. Professor THORNDIKE.  
 309-310—Seminar. Discussion of dissertations. Professors FLETCHER, THORNDIKE, KRAPP, LAWRENCE, AYRES, and WRIGHT.

### STUDENTS' ARMY TRAINING CORPS

War English 1A—Written and oral composition. 6 hours a week. Professors ODELL, AYRES, WRIGHT, STEEVES, TASSIN, Dr. JONES, Dr. COAD, Mr. DIBBLE, Mr. MEAD, Mr. WEAVER, Mr. MULLIN, Mr. RANDALL, and Mr. WARD.

### BARNARD COLLEGE

- A1-A2—Composition. Professor BALDWIN, Miss WEEKS, Dr. HALLER, Dr. HOWARD, Miss STURTEVANT, and Miss LATHAM.  
 1-2—Short stories, short plays, essays. 3 hours. 6 points. Miss STURTEVANT.  
 3-4—Practice in writing for newspapers and magazines. 3 hours. 6 points. Dr. HOWARD.  
 7-8—Play-writing. 3 hours. 6 points. Professor BALDWIN.  
 11-12—Essentials of literature. 3 hours. 6 points. Professor HUBBARD.  
 13-14—Epic and romance. 3 hours. 6 points. Miss STURTEVANT.  
 15-16—Old and Middle English. 2 hours. 4 points. Professor KRAPP.  
 19—Chaucer. 3 hours. 3 points. Professor BALDWIN.  
 20—English literature from 1400 to 1600. 3 hours. 3 points. Dr. HALLER.  
 23-24—Survey of English literature. 3 hours. 6 points. Dr. HOWARD.  
 25-26—Development of the English drama. 3 hours. 6 points. Miss LATHAM.  
 27-28—Shakespeare. 3 hours. 6 points. Professor WRIGHT.  
 29-30—English poetry from Milton through Dryden. 2 hours. 4 points. Professor TRENT.  
 31-32—English poetry from Pope through Byron. 2 hours. 4 points. Professor TRENT.

41-42—The French Revolution in English literature. 3 hours. 6 points. Dr. HALLER.

43-44—English Victorian literature. 3 hours. 6 points. Professor HUBBARD.

45-46—English literary criticism. 3 hours. 6 points. Professor HUBBARD.

47-48—American literature. 2 hours. 4 points. Professor BAKER.

51-52—Voice training. 3 hours. 6 points. Mrs. DAVIS.

53-54—Elocution and public speaking. 3 hours. 5 points. Professor TASSIN.

#### TEACHERS COLLEGE

A1-A2—Composition and English literature. 3 hours. 6 points. Professor ABBOTT, Dr. COOK, Mr. HUDELSON, and Miss HALL.

B1-B2—Composition and literature. 3 hours. 6 points. Dr. COOK, Miss HILL, and Miss HALL.

71-72—Nineteenth century writers. 2 hours. 4 points. Professor BAKER and Miss HILL.

75-76—Typical forms of literature. 2 hours. 4 points. Professor ABBOTT and Miss DILLER.

77-78—American literature. 2 hours. 4 points. Dr. COOK.

#### COMPARATIVE LITERATURE

273—Medieval romances. 2 hours. 3 points. Professor LAWRENCE.

276—Dante and medieval culture. 2 hours. 3 points. Professor FLETCHER.

278—The medieval lyric. 2 hours. 3 points. Professor F. A. PATTERSON.

282—The Renaissance in Europe. 2 hours. 3 points. Professor FLETCHER.

287-288—The romantic movement. 2 hours. 6 points. Professor WRIGHT.

#### SUMMER SESSION

sA1—English composition. 2 points. Dr. COAD and Mr. DIBBLE.

sA2—English composition. 2 points. Professor STEEVES and Mr. DIBBLE.

sB7—English literature and composition. 2 points. Mr. J. H. H. LYON.

sB8—English literature and composition. 2 points. Dr. WOLFF.

s19—American literature. 2 points. Professor VAN DOREN.

s24—English literature from 1830 to 1890. 2 points. Professor VAN DOREN.

s25—English literature in the seventeenth century. 2 points. Dr. WOLFF.

s35—Shakespeare. 2 points. Mr. J. H. H. LYON.

s39—The development of English fiction. 2 points. Professor STEEVES.

s7—Technique of voice and speech, and elementary vocal expression. 2 points. Mrs. DAVIS.

s11—Public speaking. 2 points. Professor TASSIN.

s13—Reading. 2 points. Mr. POWERS.

s1B—The technique of the short story. 4 points. Professor BLANCHE C. WILLIAMS and Miss LONG.

s3a—Dramatic composition. 4 points. Miss MINOR LATHAM.

sW1—English grammar. 2 points. Mr. DUNCAN and Mr. PECK.

sW2—Elementary English composition. 2 points. Mr. DUNCAN.

esX—College entrance English. 4 points. Mr. DUNCAN.

sY—College entrance English. 4 points. Mr. PECK.

sq—Business English and commercial correspondence. 3 points. Mr. DUNCAN and Miss HARBURGER.

s203—The college teaching of composition. 3 points. Professor BALDWIN.

- s204*—The development of the theory of composition. 3 points. Professor BALDWIN.  
*s215*—Anglo-Saxon prose. 3 points. Professor KRAPP.  
*s227*—Chaucer. 3 points. Professor AYRES.  
*s234*—English literature, 1744-1798. 3 points. Professor WRIGHT.  
*s235*—English literature, 1798-1832. 3 points. Professor WRIGHT.  
*s251-252*—Shakespeare and the Elizabethan drama. 6 points. Professor THORNDIKE.  
*s5*—Russian literature. 2 points. Dr. DOROTHY BREWSTER.  
*s6*—Modern European literature, exclusive of Russian. 2 points. Dr. DOROTHY BREWSTER.

## COMPARATIVE LITERATURE

- s289*—Main currents in literary criticism. 3 points. Professor CHANDLER.  
*s293*—Contemporary European drama. 3 points. Professor CHANDLER.

## EXTENSION TEACHING

- eA1-A2*—English composition. 6 points. Dr. BREWSTER, Dr. SCARBOROUGH, and Mr. D. E. CLARK. Also in Brooklyn, Mr. LYON and Mr. KAYDEN.  
*eA3-A4*—English composition. 3 points. Dr. WOLFF.  
*eA8*—English composition. 6 points. Mr. D. L. CLARK and Mr. WEAVER.  
*eA9*—English composition. 6 points. Mr. CLARK and Mr. WEAVER.  
*eB1-B2*—English literature and composition. 4 points. Dr. WOLFF.  
*eB3-B4*—Introduction to poetry. 6 points. Dr. HALLER.  
*eB5-B6*—Survey of English literature. 6 points. Mr. DIBBLE.  
*eV1-V2*—Elementary English. 4 points. Miss DILLER.  
*eW1-W2*—English grammar and composition. 6 points. Mr. DUNCAN and Mr. PECK.  
*eW4*—English grammar. 3 points. Mr. DUNCAN.  
*eW5*—English composition. 3 points. Mr. DUNCAN.  
*eX1-X2*—English composition and literary readings. 6 points. Mr. DUNCAN and Mr. PECK.  
*eY1-Y2*—Literature and composition. 6 points. Mr. DUNCAN and Mr. PECK.  
*eY4*—College entrance English. 3 points. Mr. PECK.  
*eY5*—College entrance English. 3 points. Mr. PECK.  
*eZ1-Z2*—English spelling. 2 points. Mr. DUNCAN.  
*e1-2*—Business English. 6 points. Mr. DUNCAN and Mr. PECK.  
*e1a-2a*—English composition. Advanced. 3 points. Dr. WOLFF.  
*e1b-2b*—The short story. English composition. 6 points. Miss HULL.  
*e1c-2c*—The short story. English composition. Advanced. 8 points. Dr. WILLIAMS and Dr. SCARBOROUGH.  
*e1d-2d*—The short story. Second advanced course. 8 points. Dr. WILLIAMS and Dr. SCARBOROUGH.  
*e1e-2e*—The writing of juvenile literature. 4 points. Miss McLANE.  
*e3a-4a*—Dramatic composition. 6 points. Miss MINOR LATHAM.  
*e5a-6a*—History and theory of literary criticism. 3 points. Dr. WOLFF.  
*e11a-12a*—Public speaking. 4 points. Mr. HALLIDAY.  
*e13-14*—Elocution. 4 points. Mrs. DAVIS.  
*e13a*—Advanced elocution. 2 points. Mrs. DAVIS.  
*e15-16*—English prosody. 4 points. Mr. HOOKER.  
*e15a-16a*—English prosody. Advanced course. 8 points. Mr. HOOKER.  
*e17-18*—Modern literature. English and foreign. 4 points. Professor STEEVES.



*e21-22*—English literature from 1780 to 1830. 4 points. Mr. J. H. H. LYON.  
Also given in Paterson. 2 points.

*e23-24*—English literature from 1830 to 1890. 4 points. Professor PATTERSON.  
Also given in Scranton. 2 points. Professor WRIGHT.

*e35a-36a*—Shakespeare. 4 points. Professor TASSIN.

*e39-40*—The English novel. 4 points. Dr. BREWSTER.

*e41a-42a*—Contemporary dramatic literature. 4 points. Mr. HAMILTON.

Education *e35*—Elementary English. 1½ points. Miss MOORE. Given in Yonkers.

*e205*—Principles of English usage. 3 points. Professor KRAPP.

*e206*—Standard English pronunciation. 3 points. Professor KRAPP.

*e231-232*—English literature of the seventeenth century. 6 points. Professor TRENT.

*e237-238*—English literature from 1832-1880. 6 points. Professor THORNDIKE.

### COMPARATIVE LITERATURE

Comp. Lit. *e3-e4*—Masterpieces of European literature. 6 points. Mr. LYON.

Comp. Lit. *e5-e6*—Greek and Latin classics in English translation. 4 points. Professor REILEY and Mrs. ENDICOTT.

Comp. Lit. *e7-e8*—Modern European literature. 4 points. Dr. BREWSTER.

Comp. Lit. *e10*—Modern Russian literature. 4 points. Dr. BREWSTER.

Comp. Lit. *e11-e12*—Modern poetry. 4 points. Miss HULL.

*Equipment.* The George Rice Carpenter Library, located in Room 601, Hall of Philosophy, contains over 4,000 volumes. The library is established and maintained by friends of the late Professor CARPENTER, and is used as a departmental library for graduate students.

The library of the Brander Matthews Dramatic Museum occupies rooms adjoining the library, and contains some 5,000 volumes on the drama. In Room 306, Hall of Philosophy, are models of the theatres at different periods and many pictures illustrating the history of the stage.

### GEOGRAPHY

See also p. 108

### STUDENTS' ARMY TRAINING CORPS

War Geography 1A—Professor MCFARLANE.

### GEOLOGY

*See introductory paragraphs, page 67*

For Transition Courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* C. P. BERKEY (*Executive Officer*) and A. W. GRABAU.

*Associate Professors:* D. W. JOHNSON and I. H. OGILVIE.

*Instructors:* R. J. COLONY, J. J. GALLOWAY, F. K. MORRIS, and C. C. MOOK.

*Assistant:* FLORRIE HOLZWASSER.

4—Petrography. C 2 hours, L 2 hours. 2 points. Compare Mineralogy II. Professor BERKEY and Mr. COLONY.

5-6—General geology. 3 hours. 6 points. Mr. COLONY.

10—General geology. C 2 hours, L 2 hours. 3 points. Professor BERKEY.

15—Elementary paleontology. C 1 hour, L 2 hours. 2 points. Dr. GALLOWAY.

20—Laboratory and field methods. C 2 hours, L 2 hours. 3 points. Mr. MORRIS.

29—Map interpretation. 2 hours. 2 points. Professor JOHNSON.

31—General geology. 3 hour lectures. 1 afternoon laboratory or field. 4 points. Mr. COLONY.

32—Physiographic and applied geology. 2 hours lectures, 1 afternoon laboratory or field. 3 points. Mr. COLONY.

101—Applied petrography. C 2 hours, L 3 hours. 3 points. Professor BERKEY and Mr. COLONY.

102—Petrography of the ores. C 2 hours, L 4 hours. 3 points. Professor BERKEY and Mr. COLONY.

105-106—Economic geology. 3 hours. 6 points. With an additional hour for conference. Professor BERKEY.

110—Geological examinations and surveys—field methods and organization. 2 hours. 2 points. Professor BERKEY.

112s—Field geology—one week field work, and report upon the same, immediately at the close of the spring examinations. 2 points. Officers of the department.

115-116—North American index fossils. C 1 hour, L 3 hours. 6 points. Dr. GALLOWAY.

119—Physiography of the eastern United States. C 2 hours, L 4 hours. 5 points. Professor JOHNSON and Mr. MORRIS.

121—Physiography of the western United States. C 2 hours, L 4 hours. 5 points. Professor JOHNSON. (Not given this year.)

124—Glacial geology. C 2 hours, L 4 hours. 4 points. Professor OGILVIE.

129—Map interpretation. C 2 hours. 3 points. Professor JOHNSON and Mr. MORRIS.

151-(51)—Principles of geology. C 2 hours, L 4 hours or more. 3 points. Dr. GALLOWAY.

152-(52)—Principles of geology. C 2 hours, L 4 hours or more. 3 points. Professor BERKEY.

201-202—Petrology. C 2 hours, L at least 4 hours. 10 points. Professor BERKEY and Mr. COLONY.

213-214—Fossil faunas of North America. L 10 hours. Conference by appointment. 8 points. Professor GRABAU and Dr. GALLOWAY.

307-308—Research in areal, structural, economic, or physiographic geology. 6-12 points. Professor BERKEY.

311-312—Phylogeny of a special group of invertebrates. Research course. 6-12 points. Dr. GALLOWAY.

319-320—Physiographic geology or geography. Research course. 6-12 points. Professor JOHNSON.

#### STUDENTS' ARMY TRAINING CORPS

1A—War topography. A fundamental training course including map reading, sketch mapping, and military geology. 6 hours per week recitations, demonstration lectures, laboratory exercises, and field practice. Given each quarter. Dr. BERKEY, Professors FINCH, LUQUER, Mr. MORRIS, Dr. GALLOWAY, Dr. LOBECK, Mr. LEHNERTS, Mr. COLONY, Mr. WHITMAN, Mr. SANBORN, Mr. BUTTER, Mr. BLANCHARD, Dr. MOOK, and Mr. PARKER.

H1—General geology, special course adapted from and substituted for Geology 5. Mr. COLONY.

K1—General geology, special course adapted from and substituted for Geology 31. Mr. COLONY.

*L1*—Economic geology, special course adapted from and substituted for Geology 105 for engineering students. Professor BERKEY.

## BARNARD COLLEGE

*B1-2*—General geology. Elementary course. *C* 2 hours, *L* 4 hours. 8 points. Professor OGILVIE, Dr. MOOK, and Miss HOLZWASSER.

*B5-6*—Economic geology. 2 hours. 4 points. Professor OGILVIE and Dr. MOOK.

*B17*—Glacial geology and physiography. 2 hours. 2 points. Professor OGILVIE.

*B19*—Physiographic geology. *C* 1 hour, *L* 2 hours. 2 points. Professor OGILVIE and Miss HOLZWASSER.

*B20*—Historical geology. *C* 1 hour, *L* 2 hours. 2 points. Dr. MOOK and Miss HOLZWASSER.

*B21-22*—Paleontology. *C* 1 hour, *L* 6, 8, or 12 hours. 4, 6, or 8 points. Dr. MOOK and Miss HOLZWASSER.

*B23-24*—Local geology of New York. 2 points. Professor OGILVIE.

*B113*—Summer field course—two weeks in the field and subsequent preparation of a report. 4 points. Professor OGILVIE.

*B124*—Glacial geology and advanced physiography. 2 points. Professor OGILVIE.

*B133-134*—Vertebrate paleontology. 6 points. Dr. MOOK.

## SUMMER SESSION

*s1-s1a*—General geology. 2 or 3 points. Mr. MORRIS.

*s2-s2a*—Elementary historical geology. 3 points. Mr. MORRIS.

*s25*—Physical geography and its economic aspects. 3 points. Mr. MORRIS and Mr. LEHNERTS.

*s29*—Geographic delineation and map interpretation. 2 points. Mr. LEHNERTS.

*s117*—Field work in physiography. 3 points. Professor WRIGHT.

*s118*—Influences of geographic environment. 3 points. Miss SEMPLE.

*s119*—Physiography of eastern United States. 3 points. Professor WRIGHT.

*s121*—Physiography of western United States. 3 points. Professor JOHNSON.

## EXTENSION TEACHING

*e1*—General geology—introductory. 3 points. Mr. MORRIS and Mr. COLONY.

*e2*—Historical geology. 3 points. Dr. GALLOWAY.

*e3*—Lithology. 3 points. Mr. COLONY.

*e26*—Physical geography of the lands. 3 points. Mr. MORRIS.

**EQUIPMENT:** *Geological Laboratories.* The Geological Laboratories, lecture-room and museum are found in Schermerhorn Hall. They contain the collections and laboratory in invertebrate paleontology and stratigraphic geology, the collections in economic and inorganic geology, and the departmental library. The laboratory in 402 contains collections illustrative of the different kinds of rocks, which are adapted to conferences in the course in general geology. There is also a much larger series of rocks, embracing nearly all the rare species and structures, which is used for advanced work in microscopic petrography and petrology. Parallel series of thin sections are provided for these, as are microscopes and other necessary apparatus for study, instruction, and investigation.

There are study collections accessible to the students, which illustrate the various geological formations and index fossils, and which are used in the lectures and conferences on stratigraphical and historical geology. A very complete series illustrating

the ore deposits, associated geological formations, and useful minerals of North America is similarly employed in the lectures on economic geology.

For the physiographic work a large collection of mounted maps, including grouped sheets of various state and national surveys, is used. An excellent series of large wall maps and most of the sheets of the different countries of Central Europe are now available. Topographic and geologic maps of other foreign countries are being added as opportunity offers. A classified series of mounted photographs of landforms, accompanied by descriptive text, is made the basis of a part of the laboratory study.

The collection of fossil fishes is now deposited in the American Museum of Natural History, where the instruction in this subject is given by Professors DEAN of the Department of Zoology.

The collections in fossil botany and the paleobotanical books belonging to the University are now deposited in the New York Botanical Garden, where the instruction in this branch is given.

By arrangement with the American Museum of Natural History, advanced students in the University receive special privileges in its collections, which contain a wealth of geological and paleontological material specially adapted to comparative studies in connection with investigations.

## GERMANIC LANGUAGES AND LITERATURES

*See introductory paragraphs, page 67*

For Transition Courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* W. H. CARPENTER, W. A. HERVEY,<sup>1</sup> and CALVIN THOMAS (*Executive Officer*).

*Associate Professors:* E. W. BAGSTER-COLLINS, W. A. BRAUN, and A. F. J. REMY.

*Assistant Professors:* F. W. J. HEUSER and H. H. L. SCHULZE.

*Instructors:* M. G. BACH, G. A. BETZ, and F. W. SCHOLZ.

*Lecturers:* H. W. PUCKETT and H. GEER.

### GERMAN

1-2—Elementary course. 3 hours. 6 points. Dr. PUCKETT (Barnard); (designated A1-A2), Mr. M. G. BACH (Teachers College).

1a-2a—Elementary course. Oral drill. 2 hours. 2 points. Miss GEER (Barnard).

B1-B2—Intermediate course. 3 hours. 6 points. Professor REMY and Dr. BETZ (Columbia); (designated 3-4), Dr. PUCKETT (Barnard); Mr. M. G. BACH (Teachers College).

B4—Intermediate course. Equivalent to B1. 3 hours. 3 points. Professor SCHULZE.

BO1-BO2—Intermediate course. Oral drill. 2 hours. 2 points. Professors HEUSER, REMY, and SCHULZE.

CR—Coaching for German requirement. 2 hours. No credit. Miss GEER (Barnard).

E1-E2—Readings in science. 3 hours. 6 points. Professor SCHULZE and Dr. BETZ.

H1-H2—Honors conference. 2 hours. 4 points. Professors HERVEY and THOMAS.

5-6—Selected works of Goethe, Schiller, and Lessing. 3 hours. 6 points. Professors HERVEY, HEUSER, and THOMAS (Columbia); Professor BRAUN and Dr. PUCKETT (Barnard).

8—Modern German prose. 3 hours. 3 points. Professor SCHULZE (Columbia); 7-8. 3 hours. 6 points. Dr. PUCKETT (Barnard).

9-10—Advanced practice course. 2 hours. 4 points. Professor BRAUN (Barnard).

<sup>1</sup> Deceased, December 25, 1918.



[13-14 or 13a-14a—Nineteenth-century drama, Kleist and Grillparzer, 2 or 3 hours. 4 or 6 points. Professor HEUSER.]

15-16 or 15a-16a—Nineteenth-century drama, Hebbel and Hauptmann. 2 or 3 hours. 4 or 6 points. Professor HEUSER.

[17-18—Life and works of Goethe. 3 hours. 6 points. Professor HERVEY.]

25-26—Selected dramas of the nineteenth century. 2 hours. 4 points. Professor BRAUN (Barnard).

39-40—Goethe's *Faust*. First and Second Parts. 2 hours. 4 points. Professor BRAUN (Barnard).

53-54—Educational German. 2 hours. 4 points. Mr. M. G. BACH (Teachers College).

61 (101)-62 (102)—History of German literature from the earliest times to the end of the eighteenth century. 3 hours. 6 points. Professors REMY (Winter session) and BRAUN (Spring session).

63 (103)-64 (104)—Goethe's *Faust*. 2 hours. 6 points. Professors HERVEY (Winter session) and THOMAS (Spring session).

105-106—The Romantic School and Young Germany—Modern German drama. 2 hours. 6 points. Professor HEUSER.

107-108—History of the German language and the German of today. 2 hours. 6 points. Professor REMY.

112—Richard Wagner, thinker and artist. 2 hours. 3 points. Professor REMY.

113-114—Middle High German. 3 hours. 6 points. Professors HERVEY (Winter session) and REMY (Spring session).

201—Proseminar. Lessing. 3 points. Professor HERVEY.

202—Proseminar. Goethe. 3 points. Professor THOMAS.

228—Old High German and Old Saxon. 3 hours. 3 points. Professor REMY.

#### GOTHIC

227—The Gothic language; lectures and texts. 3 hours. 3 points. Professor REMY.

#### GERMANIC SEMINAR

302—Poems of the Dietrich Saga. 2 hours. 3 points. Professor REMY.

#### SUMMER SESSION

sA1—Elementary course. First part. 4 points. Mr. EYSTER.

sA2—Elementary course. Second part. 4 points. Mr. M. G. BACH.

sB1—Intermediate course. First Part. 2 points. Dr. PUCKETT.

sB2—Intermediate course. Second part. 2 points. Professor SCHULZE.

sBO1 or sBO2—Intermediate course. Composition and oral drill. 2 points. Dr. PUCKETT and Mr. SCHOLZ.

s3—Composition and oral practice. Intermediate course. 2 points. Mr. SCHOLZ.

s5-6—Introduction to the classics. Selected works of Goethe, Schiller, and Lessing. 4 points. Professor HEUSER.

s7—Modern German prose. Rapid reading from recent historians, novelists, and critics. 2 points. Professor SCHULZE.

s11—Composition and oral practice. Advanced course. 2 points. Professor SCHULZE.

s101—History of German literature from the earliest times to the Reformation. 2 points. Professor REMY.

s102—History of German literature from the Reformation to the rise of the Romantic School. 2 points. Professor BRAUN.

s103-104—Goethe's *Faust*. 2 points. Professor BRAUN.

s111—Richard Wagner, artist and thinker. 2 points. Professor REMY.

[s108—The German of today. 2 points. Professor REMY.]

s201—Proseminar. Lessing. 3 points. Professor HERVEY.

#### EXTENSION TEACHING

eA1-A2—Elementary course. 8 points. Professor HEUSER.

eA8—Elementary course. 4 points. Dr. BETZ.

eB1-B2—Intermediate course. 8 points. Professor SCHULZE.

eE1-E2—Readings in science. 6 points. Mr. SCHOLZ.

E4—Readings in science. 3 points. Dr. BETZ.

eJ1-J2—Readings in newspapers and magazines. 3 points each session. Dr. BETZ.

e5a-6a—Introduction to the classics. Selected works of Goethe, Schiller, and Lessing. 4 points. Professor SCHULZE.

#### STUDENTS' ARMY TRAINING CORPS

War German 1A—Elementary course. 6 hours. Professors HERVEY and HEUSER.

War German 1B—Intermediate course. 6 hours. Professor SCHULZE and Dr. BETZ.

War German 1C—Section 1: Advanced Military. 3 hours. Professor SCHULZE.

Section 2: Advanced Scientific. 3 hours. Professor SCHULZE.

*Equipment.* The University Library offers excellent facilities for the study of German, both on the literary and the linguistic side. The Scandinavian collection contains a good representation of the ancient saga and poetical literature, and most of the eminent writers of modern Norway, Denmark, and Sweden. The Holland Society library, deposited with the University in 1901, contains a considerable collection of books and pamphlets in the Dutch language from all periods.

The Library has sets and the current numbers of all the important periodicals which deal with Germanic literature and Germanic and general philology. It has also sets of periodicals no longer published, and a large collection of the transactions and publications of the learned societies of America and Europe.

A reference library of 2,000 volumes, containing the most important material for the critical study of the Germanic languages and literatures and independent of the main collection in the University Library is placed in a room adjacent to the lecture-room and offices of the department in Philosophy Hall. A similar library of about 500 volumes is maintained in Hamilton Hall for the use of advanced college students.

The income of the Carl Schurz Library Fund (\$10,000), contributed by citizens of New York in commemoration of the seventieth birthday of Carl Schurz, is, by the terms of the gift, devoted in perpetuity to the purchase of books in the field of the German language and literature.

For the Carl Schurz Fellowship in the German Language and Literature, see index.

*Germanic Club.* The Germanic Club is an organization founded in 1902 for the purpose of reviewing and discussing important contributions to recent scholarship in the Germanic field. The Club consists of the officers, fellows, and scholars of the department. Meetings are held monthly.

GREEK (See page 85)

#### GYNECOLOGY

*See introductory paragraphs, page 67*

*Professor:* <sup>1</sup>E. B. CRAGIN.

*Professors of Clinical:* P. F. CHAMBERS, F. R. OASTLER, and H. C. TAYLOR.

*Assistant Professor:* W. WARD (*Executive Officer*).

<sup>1</sup> Died October 21, 1918.

*Instructors:* C. I. PROBEN, D. R. AYRES, J. A. CORSCADEN, R. C. VAN ETEN, WARREN HILDRETH, and SAMUEL SWIFT.

Courses 211-212, 213-214, and 215-216 are open to graduates in medicine.

201—Recitations and demonstrations in gynecology. 1 hour. Dr. AYRES.

202—The principles and practice of gynecology. 2 hours. Professor WARD.

203-204—Clinic in operative gynecology. (Sloane Hospital for Women.) 4 hours. Professor WARD.

205-206—Demonstration of patients convalescing from gynecological operations and of specimens removed. (Sloane Hospital for Women.) 6 hours. Dr. SWIFT.

207-208—Practical instruction in gynecological diagnosis. (Vanderbilt Clinic.) 3 hours. Drs. PROBEN, AYERS, VAN ETEN, and HILDRETH.

209-210—Practical instruction in the Roentgen Ray treatment of metrorrhagia and fibromyomata. At the Presbyterian Hospital. Dr. CORSCADEN.

211-212—Clinic in operative gynecology. (Lincoln Hospital). 1 hour. Professor OASTLER.

213-214—Clinic in operative gynecology. (Women's Hospital). 1 hour. Professor CHAMBERS.

215-216—Clinic in operative gynecology. (Roosevelt Hospital). 1 hour. Professor TAYLOR.

## HISTORY

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* W. A. DUNNING (*Executive Officer*), C. D. HAZEN, H. JOHNSON, J. H. ROBINSON, W. R. SHEPHERD, and J. T. SHOTWELL.

*Associate Professors:* D. S. MUZZEY and C. J. H. HAYES.

*Assistant Professors:* R. L. SCHUYLER, B. B. KENDRICK, M. A. HUTTMANN, and J. M. GAMBRILL.

*Associate:* E. J. PUTNAM.

*Instructors:* D. R. FOX, W. T. MORGAN, C. P. PATTERSON, W. E. CALDWELL, H. J. CARMAN, and A. M. ARNETT.

*Assistants:* M. L. ELY and M. R. M. GRIFFITHS.

A1-A2—A survey of modern European history. 3 hours. 6 points. Professors SCHUYLER, KENDRICK, Dr. MORGAN, Dr. FOX, Mr. CALDWELL, Mr. CARMAN (Columbia), Mr. PATTERSON, and Mr. ARNETT.

A1-A2—Epochs of European history. 3 hours. 6 points. Professors MUZZEY and HUTTMANN (Barnard).

A9-A10—A survey of American history. 3 hours. 6 points. Dr. FOX (Columbia).

H1—Special topics in earlier national history of the United States. Professor SCHUYLER.

H2—Special topics in later American history. Professor KENDRICK.

H3-H4—Special topics in modern European history. Mr. CARMAN.

7-8—History of Greece to the Roman Conquest. 6 points. Mr. CALDWELL (Barnard).

9-10—Modern European history, with special reference to the development of France. 4 points. Professor MUZZEY (Barnard).

11-12—English history, with special reference to the history of continental Europe. 3 hours. 6 points. Dr. HUTTMANN (Barnard).

12—The formation of the English constitution. 3 hours. 3 points. Professor SCHUYLER (Columbia).

13-14—History of the United States. 2 hours. 4 points. Professors SCHUYLER and KENDRICK (Barnard).

15-16—History of the United States since 1870 with special reference to economic and social conditions. 2 hours. 4 points. Professor MUZZEY (Barnard).

65-66—Social and political history of the United States since the Civil War. 3 points. Professor KENDRICK.

73—Greek and Roman theories of life and conduct. 2 hours. 2 points. Mrs. PUTNAM (Barnard).

117-118—History of Greece to the Roman Conquest. 3 points. Mr. CALDWELL.

[119-120—History of Rome to the disruption of the empire. 3 points. Mr. CALDWELL.]

121-122—The history of the intellectual class in Europe. 2 hours. 3 points. Professor ROBINSON.

123—Greece from Pericles to Alexander. 2 hours. 3 points. Mr. CALDWELL.

145-146—Social and industrial history of the United States. 2 hours. 3 points. Professor GAMBRILL (Teachers College).

157-158—The British Commonwealth. 2 hours. 3 points. Professor SCHUYLER.

165-166—Political and social history of the United States since the Civil War. 3 points. 2 hours. Professor KENDRICK.

169-170—The expansion of Europe. 2 hours. 6 points. Professor SHEPHERD.

194—The teaching of history in secondary schools. 2 hours. 3 points. Professor JOHNSON (Teachers College).

195—The teaching of secondary schools. 2 hours. 3 points. Professor JOHNSON (Teachers College).

332a—The teaching of history in normal schools. 2 hours. 3 points. Professor JOHNSON (Teachers College).

211C—Illustrative lessons in history. 3 hours. 2 points. Professor JOHNSON (Teachers College).

215-216—Special studies in the history of Greece and Rome. 3 points. Mr. CALDWELL.

[218—Greece from Pericles to the Roman Conquest. Mr. CALDWELL.]

[219—Later Roman Empire and early middle ages. Professor SHOTWELL.]

220—History of Rome to the end of the Republic. 3 points. Mr. CALDWELL.

221—Advanced course in the intellectual history of Europe during the Greek, Roman, and medieval periods. 2 hours. 3 points. Professor ROBINSON.

[223—Primitive institutions, paganism, and Christianity. 2 hours. Professor SHOTWELL.]

229—General church history. Period I: The ancient church to 590 A.D. 3 points. Professor FOAKES JACKSON.

[229A—General church history. Period I: The ancient church to 590 A.D. 6 points. Professor MCGIFFERT (Union Theological Seminary).]

231—History of Christian thought. I. (In primitive and Catholic church.) 3 points. Professor MCGIFFERT (Union Theological Seminary).]

232—History of Christian thought. II. (From Reformation to present day.) 4 points. Professor MCGIFFERT (Union Theological Seminary).]

235—History of religion in the Hellenistic period. 2 hours. 3 points. Professor TRYON (Union Theological Seminary).

236—Early Christianity and contemporary religion. 2 hours. 3 points. Professor TRYON (Union Theological Seminary).

240—The Protestant revolt. Professor ROCKWELL (Union Theological Seminary).

241—Medieval church history, 590-1517 A.D. 2 hours. Professor ROCKWELL (Union Theological Seminary).

[242—American Church history. 2 hours. 3 points. Professor ROCKWELL.]



[243—English church history. I. (Before the Reformation.) 3 points. Professor ROCKWELL (Union Theological Seminary).]

244—English church history. II. (Reformation and post-reformation periods.) 3 points. Professor FOAKES JACKSON (Union Theological Seminary).

[245—European church history, 1789-1916. 2 hours. 3 points. Professor ROCKWELL (Union Theological Seminary).]

247—The church during the first three centuries. 3 hours. 3 points. Professor JENKS (General Theological Seminary).

248—The church from the council of Nicaea to Charlemagne. 3 hours. 3 points. Professor JENKS (General Theological Seminary).

249—The church of England, 1850-1900. 2 hours. Professor JENKS (General Theological Seminary).

[251-252—The history and sources of European history. 2 hours. Professor SHOTWELL.]

254—History of Christian education, with reference to current problems. 2 hours. Professors COE and ROCKWELL (Union Theological Seminary).

[267—The United States from 1850 to 1865. Professor DUNNING.]

[268—The United States after the Civil War. Professor DUNNING.]

269-270—Spanish and Portuguese America. 2 hours. 6 points. Professor SHEPHERD.

271—Political history of continental Europe from the Peace of Westphalia to the close of the Seven Years' War. 2 hours. 3 points. Professor HAZEN.

272—Political history of continental Europe since the Seven Years' War. 2 hours. 3 points. Professor HAZEN.

274—The reforms of the French revolution. 2 hours. 3 points. Professor MUZZEY.

277—The rise of democracy in France. Part I. 2 hours. 3 points. Professor HAZEN.

278—The rise of democracy in France. Part II. 2 hours. 3 points. Professor HAZEN.

281—American political philosophy before 1850. 2 hours. Professor DUNNING.

282—American political philosophy since 1850. 2 hours. Professor DUNNING.

[285-286—British social politics since 1867. 2 hours. 6 points. Professor HAYES.]

[287—The British empire in the nineteenth century. Professor SCHUYLER.]

[288—The movement for imperial unity in the British empire. Professor SCHUYLER.]

293-294—Practicum. The literature of American history. 4 points. 2 hours. Professor JOHNSON (Teachers College).

311-312—Seminar in Greek and Roman history. 2 hours. 3 points. Mr. CALDWELL.

[313-314—Seminar in early church history. 2 hours. Professor MCGIFFERT (Union Theological Seminary).]

315—Historical bibliography, with special reference to medieval and ecclesiastical sources. 2 hours. 3 points. Professor ROCKWELL (Union Theological Seminary).

316—Historical training class: Methods of research. 2 hours. 3 points. Professor ROCKWELL (Union Theological Seminary).

317-318—Historical seminar: The continental reformation, with special reference to social, intellectual, and religious movements. 3 points. Professor ROCKWELL (Union Theological Seminary).

320—Religious thought in France in the eighteenth century. 2 hours. Professor MCGIFFERT (Union Theological Seminary).

322—Development of rationalism in Europe. 2 hours. 3 points. Professor ROBINSON.

[356—Seminar in the history and the interpretation of history. Professor SHOTWELL.]

367-368—Seminar in later United States history. 2 hours. 3 points. Professor DUNNING.

- 369-370—Special phases of the expansion of Europe. 6 points. Professor SHEPHERD.  
 371-372—Seminar in the history of continental Europe. 3 points. Professor HAZEN.

## STUDENTS' ARMY TRAINING CORPS

War History 1A—History of Europe from 1815 to the present. Professors KENDRICK, SCHUYLER, Dr. FOX, Dr. MORGAN, Messrs. CALDWELL, ARNETT, and PATTERSON.

## SUMMER SESSION

- sX1—American history. 2 points. Dr. MORGAN.  
 sX2—Ancient history. 2 points. Mr. CALDWELL.  
 sA1—The foundations of modern Europe. 2 points. Dr. MORGAN.  
 sA2—Modern and contemporary European history. 2 points. Professor KENDRICK.  
 s100—The Ancient Orient. 3 points. Professor ROGERS.  
 s102—The Hebrews. 3 points. Professor ROGERS.  
 s104—The Hellenic world from the Peloponnesian war through the Macedonian Conquest. 3 points. Mr. CALDWELL.  
 s106—The Roman Empire to the Germanic invasions. 3 points. Mr. CALDWELL.  
 s107—The Hebrews. 3 points. Professor ROGERS.  
 s124—Evolution of the European states-system. 3 points. Professor SHAPIRO.  
 s126—The old régime, the French Revolution and the work of Napoleon. 3 points. Professor MUZZEY.  
 s132—History of England from the opening of the seventeenth century to the present time. 3 points. Professor SCHUYLER.  
 s140—The United States, 1783-1815. 3 points. Professor SCHUYLER.  
 s144—Survey of the history of the United States. 3 points. Professor MUZZEY.  
 s146—Latin America and its relations with the United States. 3 points. Professor SHEPHERD.  
 s148—The United States, 1850-1877. 3 points. Professor DUNNING.  
 s160—Nationalism and democracy in Europe since 1870. 3 points. Professor SHAPIRO.  
 s170—The expansion of Europe, 1785-1918. 3 points. Professor SHEPHERD.  
 s356—Seminar course on certain aspects of the administration of President Andrew Johnson. 3 points. Professor DUNNING.

## EXTENSION TEACHING

- eX1—American history. 3 points. Mr. PATTERSON.  
 eX2—American history. 3 points. Mr. PATTERSON.  
 eX3—Ancient history. 3 points. Mr. CALDWELL.  
 eX4—Ancient history. 3 points. Mr. CALDWELL.  
 eA1—The foundations of modern Europe. 3 points. Dr. MORGAN, Mr. CARMAN, and Mr. CALDWELL.  
 eA2—Modern and contemporary history. 3 points. Professor KENDRICK and Dr. MORGAN.  
 eA4—The foundations of modern Europe. 3 points. Mr. CARMAN.  
 eA5—Modern and contemporary history. 3 points. Professor KENDRICK.  
 eA9—The formation of the United States. 3 points. Dr. FOX.  
 eA10—The development of American nationality. 3 points. Dr. FOX.  
 e19-20—Imperialism in world politics in the nineteenth and twentieth centuries. 4 points. Mr. CARMAN.  
 e125—History of Russia. 3 points. Professor PRINCE.

*e126*—History of the Balkan States and of Poland and other non-Russian Slavonic areas. 3 points. Professor PRINCE.

*e153*—The principles of nationality in the nineteenth and twentieth centuries. 3 points. Dr. MORGAN.

*e154*—Special problems of various modern nationalities. 3 points. Dr. MORGAN.

*e165-166*—The recent history of the United States. 3 points. Professor MUZZEY.

*e177-178*—Latin America. 3 points each session. Professor SHEPHERD.

## ISSUES OF THE WAR (IA)

(See page 190)

*Part I.* The political and economic causes of the war given to the Student Army Training Corps by a staff of instructors as follows: Professor AGGER, Mr. ARDZROONI, Professors AYRES, Curator BACH, R. C. E. BROWN, Dr. R. S. BOOTS, Professors BUSH, CALDWELL, CHADDOCK, Dr. O. S. COAD, Professor CRAMPTON, Mr. R. F. DIBBLE, Professors DUNNING, GIDDINGS, GOTTHEIL, HAZEN, HAMLIN, H. JOHNSON, A. L. JONES, Mr. R. F. JONES, Professor KENDRICK, Chaplain KNOX, Professors LAWRENCE, LINDSAY, LORD, MCBAIN, MCCREA, MESSER, MONTAGUE, F. G. MOORE, W. T. MORGAN, D. S. MUZZEY, PARKER, PERRY, PITKIN, REISNER, J. SACHS, SAIT, SCHUYLER, SICELOFF, SLOSSON, TENNEY, VAN HOOK, Mr. R. M. WEAVER, Professor T. WILLIAMS, Professor YOUNG, FREDERICK J. E. WOODBRIDGE (*Chairman*).

## JOURNALISM

*See introductory paragraphs, page 67*

*Professors:* T. WILLIAMS (*Executive Officer*) and J. W. CUNLIFFE.

*Associate Professor:* W. B. PITKIN.

*Assistant Professors:* ROSCOE C. E. BROWN and J. T. GRADY.

*Associates:* A. W. ATWOOD, R. E. MACALARNEY, and E. E. SLOSSON.

### FIRST PROFESSIONAL YEAR

*B1-B2*—Practice course in special writing. 3 points. Each session, Professor PITKIN.

*31-32*—Essentials in newspaper technique. 3 points each session. Professor GRADY.

*33*—Social and administrative statistics. 3 points. Professor CHADDOCK.

*34*—The modern world. 3 points. Dr. SLOSSON.

*35-36*—Political writing. 3 points each session. Professor BROWN.

*37-38*—Questions of business and finance. 3 points each session. Mr. ATWOOD.

*131-132*—Modern European drama. 3 points each session. Professor CUNLIFFE.

*133-134*—Modern European fiction and poetry. 3 points each session. Professor CUNLIFFE.

### SECOND PROFESSIONAL YEAR

*41-42*—Reporting and interviewing. 3 points each session. Mr. MACALARNEY.

*43-44*—Handling and heading copy. 3 points each session. Professor GRADY.

*135-136*—Editorial writing. 3 points each session. Professor BROWN.

*137-138*—Feature writing. 3 points each session. Professor PITKIN.

*139-140*—Short story. 3 points each session. Professor PITKIN.

*141-142*—Critical writing. 3 points each session. Professor WILLIAMS.

*143*—History of journalism. 2 points each session. Professor WILLIAMS.

*144*—Elements of law. 2 points. Professors GIFFORD and YOUNG B. SMITH.

*145-146*—International relations. 2 points each session. Professor WILLIAMS.

*Equipment.* In the Journalism Building the Department is provided with ample space for its lecture-rooms, laboratories, and library.

The library of about 5,000 books and 1,000 volumes of bound newspapers occupies the entire second floor of the building. There is also a reading-room especially strong in sociology, economics, and modern European literature. In the newspaper reading-room a hundred daily newspapers, American and foreign, are on file. There is also a collection of about 500,000 newspaper clippings.

LATIN (See page 85)

## LAW

*See introductory paragraphs, page 67*

### PRIVATE LAW

*Professors:* N. ABBOTT, G. F. CANFIELD, R. W. GIFFORD, W. D. GUTHRIE, JOHN BASSETT MOORE, U. MOORE, T. I. PARKINSON, MUNROE SMITH, H. F. STONE (*Executive Officer*), C. T. TERRY; and H. L. MCBAIN of the Faculty of Political Science.

*Associate Professors:* G. GLENN, T. R. POWELL.

*Assistant Professor:* Y. B. SMITH.

*Associates:* V. HEWITT and H. R. MEDINA.

Historical and comparative jurisprudence. 2 hours. Professor MUNROE SMITH.

Contracts. 4 hours. Professor TERRY.

Criminal law. 3 hours. Professor GIFFORD.

Pleading and practice I. 3 hours. Professor GIFFORD.

Real property I. 4 hours. Professor ABBOTT.

Personal property I. 2 hours. Professor STONE.

Torts. 3 hours. Professor Y. B. SMITH.

American constitutional law I.<sup>1</sup> 1 hour. Professor GUTHRIE.

Public service law. 3 hours. Professor Y. B. SMITH.

Domestic relations and the law of persons. 2 hours. Mr. HEWITT.

Bankruptcy and insolvency.<sup>1</sup> 2 hours. Mr. GLENN.

Equity I. 3 hours. Professor Y. B. SMITH.

Trusts. 4 hours. Professor STONE.

Bills and notes. 3 hours. Professor U. MOORE.

Equity pleading and practice.<sup>1</sup> 2 hours. Mr. HEWITT.

Real and personal property II. 2 hours. Professor ABBOTT.

American constitutional law II. 2 hours. Professor POWELL.

Agency. 3 hours. Professor U. MOORE.

American constitutional law III. 1 hour. Professor POWELL.

Quasi contracts. 3 hours. Professor ABBOTT.

Sales of personal property. 4 hours. Professor U. MOORE.

Institutes of Roman law. 4 hours. Professor MUNROE SMITH.

Corporations. 2 hours. Professor CANFIELD.

Equity II. 3 hours. Professor STONE.

Evidence. 4 hours. Professor GIFFORD.

New York trusts and perpetuities. 2 hours. Professor CANFIELD.

Partnership. 3 hours. Professor U. MOORE.

Mortgages. 3 hours. Professor STONE.

<sup>1</sup> Given in alternate years; omitted in 1918-19.



Code pleading and practice. 2 hours. Mr. MEDINA.  
 Suretyship. 2 hours. Professor GLENN.  
 Real and personal property III. 3 hours. Professor ABBOTT.  
 Wills and administrations. 3 hours. Professor GIFFORD.  
 Conflict of laws. 3 hours. Professor POWELL.  
 International law. 2 hours. Professor J. B. MOORE.  
 Municipal corporations. 2 hours. Professor MCBAIN.  
 Administrative law—public officers. 2 hours. Professor POWELL.

## SPECIAL COURSES

Admiralty.<sup>1</sup> 2 hours. Mr. HEWITT.  
 Readings in the digest of Justinian. 1 hour. Professor MUNROE SMITH.  
 Modern civil law. 3 hours. Professor MUNROE SMITH.  
 History of European law. 3 hours. Professor MUNROE SMITH.  
 Legal bibliography and the use of law books. Mr. HICKS.

## SUMMER SESSION

s2—Real property I. 4 points. Professor ABBOTT.  
 s3—Criminal law. 3 points. Professor GIFFORD.  
 s4—Evidence. 4 points. Professor GIFFORD.  
 s5—Bills and notes. 3 points. Professor U. MOORE.  
 s6—Public service companies. 3 points. Professor Y. B. SMITH.  
 s7—Code pleading and practice. 4 points. Professor DEE.  
 s8—Agency. 3 points. Professor U. MOORE.  
 s13—Wills and administration. 3 points. Mr. MEDINA.

## STUDENTS' ARMY TRAINING CORPS

War military law. Professors ABBOTT, CANFIELD, GIFFORD, GLENN, U. MOORE, POWELL, Y. B. SMITH.

## PUBLIC LAW, GOVERNMENT, AND COMPARATIVE JURISPRUDENCE

*Professors:* MUNROE SMITH, JOHN BASSETT MOORE, W. D. GUTHRIE, and H. L. MCBAIN (*Executive Officer*).

*Associate Professor:* T. R. POWELL.

*Assistant Professor:* E. M. SAIT.

*Lecturer:* H. F. MUNRO.

*Instructors:* A. W. MACMAHON, R. S. BOOTS, and E. D. GRAPER.

## GOVERNMENT

1—American federal government (in sections). 3 hours. 3 points. Professors MCBAIN, SAIT, Mr. BOOTS, and Mr. GRAPER (Columbia College and Barnard).

2—American state and municipal government (in sections). 3 hours. 3 points. Professors MCBAIN, SAIT, Mr. BOOTS, and Mr. GRAPER (Columbia College and Barnard).

[15—Party government in the United States. 2 hours. 2 points. Mr. BOOTS.]

16—American municipal government. 2 hours. 2 points. Professor MCBAIN.

<sup>1</sup> Given in alternate years; omitted in 1919-20.

- [17—Comparative government. 2 hours. 2 points. Professor SAIT.]  
 55—Party government in the United States. 2 hours. 2 points. Professor SAIT.  
 (Identical with Government 105.)  
 56—Municipal government. 2 hours. 2 points. Professor MCBAIN. (Identical with Government 106.)  
 105—Party government in the United States. 2 hours. Professor SAIT.  
 106—Municipal government. 2 hours. Professor MCBAIN.  
 107-108—Comparative politics and government. 2 hours. Professor SAIT.  
 203-204—American municipal administration. 2 hours. Professor MCBAIN.  
 [209—American state government and administration. 2 hours. Mr. MACMAHON.]  
 [211—Federal administration. 2 hours. Professor MCBAIN.]  
 212—European municipal government. 2 hours. Professor SAIT.  
 301—Seminar in municipal government. 2 hours. Professor MCBAIN.

#### CONSTITUTIONAL AND ADMINISTRATIVE LAW

- 203—Introduction to constitutional law. 1 hour. Professor GUTHRIE.  
 205-206—The constitutional law of the United States. 3 hours. Professor POWELL.  
 [207—Administrative law: Public officers. 2 hours. Professor POWELL.]  
 208—Public service law. 2 hours. Professor YOUNG B. SMITH.  
 209—The law of municipal corporations. 2 hours. Professor MCBAIN.  
 301-302—Seminar in constitutional and administrative law. Professor POWELL.

#### INTERNATIONAL LAW

- 121—History of diplomacy. 2 hours. Mr. MUNRO.  
 122—History of American diplomacy. 2 hours. Mr. MUNRO.  
 223-224—International law. 2 hours. Professor MOORE.  
 321-322—Seminar in international law. 2 hours. Professor MOORE.

#### ROMAN LAW AND COMPARATIVE JURISPRUDENCE

- 261—Historical and comparative jurisprudence. 2 hours. Professor MUNROE SMITH.  
 263—Roman law. 4 hours. Professor MUNROE SMITH.  
 266—History of European law. 3 hours. Professor MUNROE SMITH.  
 268—Modern civil law of western Europe. 3 hours. Professor MUNROE SMITH.  
 270—Conflict of laws. 3 hours. Professor POWELL.  
 361-362—Seminar in legal history. 2 hours. Professor MUNROE SMITH.

#### SUMMER SESSION

- s1—American federal government. 2 points. Professor SAIT.  
 s2—American state government. 2 points. Professor RAY.  
 s105—Party government in the United States. Professor RAY.  
 s107—The government of Great Britain. Professor SAIT.  
 s120—History of American diplomacy. Mr. MUNRO.  
 s123—International law. Mr. MUNRO.

#### EXTENSION TEACHING

- e1-2—American government. 6 points. Mr. BOOTS.  
 e101—History and growth of international relations. 2 hours. Mr. MUNRO.  
 e103-104—Principles and practice of international law. 2 hours. Mr. MUNRO.

- e119-120—Modern European and American diplomacy. 2 hours. Mr. MUNRO.  
 e121—History of diplomacy. 2 hours. Mr. MUNRO.  
 e122—History of American diplomacy. Mr. MUNRO.

# STUDENTS' ARMY TRAINING CORPS

- War Government 1A—(In sections.) 3 hours. Professor SAIT, Mr. GRAPER.  
 War International Law 1A—(In sections.) 3 hours. Mr. MUNRO, Mr. HICKS.

*Equipment.* In addition to excellent working collections of constitutions, codes, session laws, judicial decisions, government reports, legal treatises, transactions of legal societies, and law journals of the principal foreign countries as well as of the United States, the Library of Columbia University offers special advantages to students of politics, public law, and comparative jurisprudence in the collections of Henry Livingston Thomas, late chief translator to the Department of State, of the Holland Society of New York, and of the Reform Club of the City of New York, of which the Columbia Library is the depository. The materials thus furnished are richly supplemented by those in the libraries of public institutions, learned societies, and civic organizations, particularly the Hispanic Society of America, with its unique collection of materials relating to the history, institutions, and culture of Spain, Portugal, and Latin America, the Bar Association, and the Law Institute. To these libraries advanced students have access under favorable conditions. Fuller information as to courses and opportunities for historical work is given in the current *Announcement of the Division of History, Economics, and Public Law*, which may be obtained by applying to the Secretary of the University. Under the auspices of the Academy of Political Science, to which advanced students are eligible as members, opportunities are given for the discussion of questions of interest as presented in papers by specialists.

Lectures of special interest to students of politics and jurisprudence are maintained by specific endowments, such as the Beer lectures in political science, the Blumenthal lectures in politics, and the Carpentier lectures in law. Some of these are lectures given by distinguished foreigners, others by men prominent in public life in the United States.

# MANUAL TRAINING

*See Industrial Arts, page 113*

# MATERIA MEDICA (See page 168)

# MATHEMATICS

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* F. N. COLE, T. S. FISKE (*Administrative Head*), W. B. FITE, H. E. HAWKES, E. KASNER, C. J. KEYSER, J. MACLAY, H. B. MITCHELL, and D. E. SMITH.

*Associate Professor:* C. B. UPTON.

*Assistant Professors:* C. C. GROVE and L. P. SICELOFF.

*Instructors:* C. A. FISCHER, K. W. LAMSON, and G. W. MULLINS.

*Lecturers:* E. L. POST, J. F. RITT.

*Assistant:* J. GINSBURG.

*Instructors in Extension Teaching:* O. W. ANTHONY, J. M. BIRD, W. E. BRECKENRIDGE, R. F. CLARK, J. DOUGLAS, V. S. MALLORY, and J. A. SWENSON.

- A2*—Solid geometry. 3 hours. 3 points. Dean HAWKES and Dr. FISCHER.  
*A4*—Plane trigonometry. 2 hours. 2 points. Professors FISKE and SICELOFF.  
*A6*—Elementary analysis. 3 hours. 3 points. Professors MITCHELL and SICELOFF.  
*2*—Algebra. 3 hours. 3 points. Professors MITCHELL and FITE and Dr. FISCHER.  
*4*—Analytical geometry. 3 hours. 3 points. Professors FITE and SICELOFF.  
*58*—Differential and integral calculus. First part. 3 hours. 3 points. Professors MACLAY, MITCHELL, and SICELOFF.  
*56*—Differential and integral calculus. Second part. 3 hours. 3 points. Professors FISKE and KEYSER.  
*60*—Differential and integral calculus. Third part. 3 hours. 3 points. Professor MACLAY.  
*12*—Mathematics of statistics. 3 hours. 3 points. Mr. POST.  
*18*—Advanced calculus. 3 hours. 3 points. Professor FITE.  
*H2*—Honors conference. 3 hours. 3 points. Professor MACLAY.  
*H4*—Honors conference. 3 hours. 3 points. Professor KEYSER.  
*163-164*—Theory of functions. 12 points. Professor FISKE.  
*167-168*—Algebra. 12 points. Professor COLE.  
*241*—Ballistics. 3 points. Professor KASNER.  
*310*—Differential equations.  $4\frac{1}{2}$  points. Professor FITE.  
*312*—Elliptic functions.  $4\frac{1}{2}$  points. Professor MACLAY.  
*344*—Calculus of variations.  $4\frac{1}{2}$  points. Dr. FISCHER.  
*346*—Seminar in differential geometry. 3 points. Professor KASNER.  
*351-352*—History of mathematics. 6 points. Professor SMITH.  
*353-354*—Practicum in the history of mathematics. 2 points. Professor SMITH.  
*361-362*—Philosophy of mathematics. 12 points. Professor KEYSER.

## STUDENTS' ARMY TRAINING CORPS

*W1A*—Trigonometry. 3 hours a week for one quarter. Professors FISKE, MITCHELL, FITE, and SICELOFF, Dr. FISCHER, Dr. MULLINS, Dr. LAMSON, Mr. DOUGLAS, Mr. POST, Mr. SWENSON, and Mr. GINSBURG.

*W1B*—Analytical geometry. 3 hours a week for one quarter. Professors MACLAY, KEYSER, KASNER, FITE, and SICELOFF, Dr. FISCHER, Dr. MULLINS, Mr. DOUGLAS, and Mr. POST.

*W1C*—Differential and integral calculus. 6 hours a week for one quarter. Professors MACLAY and KEYSER.

*W1D*—Differential and integral calculus. Second part. 6 hours a week for one quarter. Professor FISKE.

## BARNARD COLLEGE

*A1-A2*—Trigonometry, analytical geometry, and calculus. 3 hours. 6 points. Drs. FISCHER, MULLINS, and LAMSON.

*21*—Analytical geometry. 3 hours. 3 points. Professor KASNER.

*22*—Calculus, short course. 3 hours. 3 points. Professor KASNER.

*23-24*—Theory of equations. 3 hours. 6 points. Dr. LAMSON.

*25-26*—Calculus. 3 hours. 6 points. Professor COLE.

*27-28*—Projective geometry. 3 hours. 6 points. Dr. MULLINS.

*35-36*—Fundamental concepts of modern mathematics. 3 hours. 6 points. Professor KASNER.

## SUMMER SESSION

*sX*—Elementary algebra. 2 points. Drs. FISCHER and LAMSON.

*sY*—Plane geometry. 2 points. Dr. MULLINS.



- sA1*—Logarithms and trigonometry. 2 points. Drs. FISCHER and LAMSON.
- sA2*—Solid geometry. 2 points. Drs. FISCHER and MULLINS.
- s1*—Algebra. 2 points. Professor GROVE.
- s3*—Analytical geometry. 2 points. Professor LING.
- s55*—Calculus: first part. 2 points. Professor GROVE.
- s56*—Calculus: second part. 2 points. Professor LING.
- s131*—Fundamental mathematical concepts. 3 points. Professor MACLAY.
- s161*—Modern geometry. 3 points. Professor KASNER.
- s163*—Theory of functions of a real variable. 3 points. Professor FITE.
- s165*—Differential equations. 3 points. Professor FITE.
- s167*—Higher algebra. 3 points. Professor MACLAY.
- s207*—Continuous groups. 3 points. Professor KASNER.

#### EXTENSION TEACHING

- eX1*—Algebra, elementary and intermediate course. 4 points. Mr. SWENSON.
- eX2*—Algebra. Course *eX1* repeated. 4 points. Mr. POST.
- eX3*—Algebra. Elementary course. 3 points. Mr. BIRD.
- eX4*—Algebra. Course *eX3* repeated. 3 points. Mr. BIRD.
- eX5*—Algebra. Intermediate course. 3 points. Mr. BIRD.
- eX6*—Algebra. Course *eX5* repeated. 3 points. Mr. SWENSON.
- eY1*—Plane geometry. 4 points. Mr. MALLORY.
- eY2*—Plane geometry. Course *eY1* repeated. 4 points. Mr. POST.
- eA1*—Trigonometry. 2 points. Mr. CLARK and Mr. SWENSON.
- eA2*—Solid geometry. 3 points. Mr. MALLORY.
- eA3*—Solid geometry. Course *eA2* repeated. 3 points. Mr. ANTHONY.
- eA4*—Trigonometry. Course *eA1* repeated. 2 points. Mr. SWENSON.
- e1*—Algebra. 3 points. Mr. CLARK.
- e2*—Algebra. *e1* repeated. 3 points. Dr. FISCHER.
- e3*—Analytical geometry. 3 points. Dr. FISCHER.
- e4*—Analytical geometry. Course *e3* repeated. 3 points. Mr. BIRD.
- e55-56*—Calculus. 8 points. Dr. MULLINS.
- e58*—Calculus. Course *e55* repeated. 4 points. Mr. MALLORY.

*Equipment.* The Department of Mathematics has the special advantages afforded by a large and fully equipped reading-room, 108 Library, in which are available the current numbers of over 150 mathematical journals and periodicals.

The laboratory equipment of the department includes the extensive collections of Wiener and Schilling. Models and charts illustrate elementary plane and solid geometry, descriptive geometry, projective geometry, twisted curves, surfaces, many of the more intricate concepts and forms in the theory of functions, infinite series and products, and analysis situs. Room 503 Fayerweather has been set apart as a mathematical laboratory and model room.

Teachers College is well supplied with models and apparatus for use in teaching mathematics, together with various instruments for mechanical computation, and a complete set of surveying instruments. A collection of instruments, autographs, portraits, and other material illustrating the historical development of mathematics, the property of Professor SMITH, is placed at the disposal of the students, as is his extensive library on the history and teaching of the subject. Arrangements may be made by which advanced students in the history of mathematics may have access to the library of George A. Plimpton, LL.D., which is particularly rich in manuscripts,

incunabula, and sixteenth century works on the subject. The department has a collection of stereopticon slides illustrating important manuscripts and early works.

### MECHANICAL ENGINEERING

*See introductory paragraphs, page 67*

*Professors:* C. E. LUCKE, W. RAUTENSTRAUCH (*Acting Executive Officer*), and W. D. ENNIS (*Acting Professor*).

*Assistant Professors:* H. L. PARR, C. E. SLEFFEL, C. E. THOMAS, L. DeG. MOSS, and E. D. THURSTON.

*Instructor:* G. H. JOHN, JR.

#### ABRIDGED WAR COURSES AND STUDENTS' ARMY TRAINING CORPS COURSES

1-H—Power. 2 hours. Professor ENNIS.

1-L—Machine elements. 2 hours. Professor RAUTENSTRAUCH.

1-N—Mechanical laboratory. 2 afternoons. Mr. JOHN.

1-S—Engineering thermodynamics. 2 hours. Professor ENNIS.

1-U—Steam laboratory. 1 afternoon. Mr. JOHN.

1-V—Steam power. 3 hours. Professor ENNIS.

1-W—Mechanics of machinery. 2 hours. Professor RAUTENSTRAUCH.

1-X—Machine design. 2 afternoons. Professor RAUTENSTRAUCH.

102—Power. 2 hours. Professor ENNIS.

106—Machine elements. 2 hours. Professor RAUTENSTRAUCH.

106A—Machine elements. 2 hours, 2 afternoons. Professor RAUTENSTRAUCH and Mr. JOHN.

116A—Engineering thermodynamics. 4 hours, 2 afternoons. Professor ENNIS.

120—Engineering thermodynamics. 2 hours, 1 afternoon. Professor ENNIS.

122—Engineering thermodynamics. 2 hours. Professor ENNIS.

124A—Machine analysis. 6 hours. Professor RAUTENSTRAUCH.

126A—Pumps and hydraulic machinery. 1 hour. Professor ENNIS.

132—Mechanical laboratory. 1 afternoon. Mr. JOHN.

162—Mechanical laboratory. 1 afternoon. Mr. JOHN.

164—Mechanical laboratory. 1 afternoon. Mr. JOHN.

172A—Machine design. 1 afternoon. Professor RAUTENSTRAUCH.

*Equipment.* This department is equipped with lecture-rooms, collections of models and specimens to illustrate the lectures, and drafting-rooms provided with blue-prints, photographs, and catalogues of standard and special machinery supplied by manufacturers. Excellent facilities are also at hand for the prosecution of experimental work. The experimental equipment includes all the standard and many special forms of measuring instruments, and a large collection of full-size standard machinery, covering practically every important class.

### MINERALOGY

*See introductory paragraphs, page 67*

*Professor:* A. J. MOSES (*Executive Officer*).

*Assistant Professor:* L. McI. LUQUER.

1—General mineralogy. C 1 hour, L 2 or 4 hours. 2 or 3 points. Professor OGILVIE and Dr. MOOK (Barnard).

2—Blowpipe analysis. C 1 hour, L 4 hours. 3 points. Professor OGILVIE (Barnard).

3-4—General mineralogy. C 2 hours, L 2 hours. 6 points. Professor LUQUER.

6—Optical mineralogy. C 1 hour, L 2 hours. 2 points. Professor OGILVIE and Dr. MOOK (Barnard).

11—Optical mineralogy. 1 afternoon. 2 points. Professor LUQUER.

14—Mineralogy. The sight recognition and determination of the common rock-forming minerals and the great ores. C 2 hours, L 3 hours. 3 points. Professors MOSES and LUQUER.

117—Economic mineralogy. C 4 hours, L 2 afternoons. 6 points. Professor MOSES.

#### SUMMER SESSION

51—The recognition and determination of the common rock-forming minerals and great ores. 3 points. Professor MOSES.

es2a—Gems and gem minerals. 2 points. Professor MOSES.

53—Testing gems. 3 points. Professor MOSES.

*Equipment.* The work of the students in the college courses 3-4 and 14 is performed in the Egleston Museum, in the blowpipe laboratory, and in the adjoining conference room, in which are student collections of crystal models and minerals, and several thousand unlabeled specimens used in determinative work. The department possesses, also, about 1,200 sections of minerals and rocks, 1,500 crystal models in wood and glass, and a Departmental Library of 1,300 volumes. Students in optical mineralogy and in Course 117 use the Egleston Museum, and for crystal measurements and monochromatic light determination there is provided a large dark-room.

The Egleston Mineralogical Museum contains about 30,000 labeled specimens, and includes a systematic collection; an economic collection of ores, building materials, and minerals used in chemical industries; a student collection for course 117 and smaller collections illustrating: gems and ornamental stones; crystals; the genesis and alteration of minerals; the characters of minerals; artificial minerals, and New York City minerals.

#### MINING AND METALLURGY

*See introductory paragraphs, page 67*

*Professors:* R. PEELE, R. M. RAYMOND, A. L. WALKER, and W. C. CAMPBELL.

*Assistant Professors:* E. F. KERN and E. J. HALL.

*Assistant:* W. G. JOHNSON.

#### MINING

151 and 152—Excavation, tunneling, boring, and shaft-sinking. 4 hours. Professor PEELE.

154—Exploration, development, and methods of working. 3 hours. Professor RAYMOND.

171—Mine plant. 3 hours. Professor PEELE.

173—Mine constructions. 1 hour. Professor PEELE.

194—Mining laws. 2 hours. Professor PEELE.

#### SUMMER SESSION

158S—Summer class in mine surveying. For a period of 1 week in June. Professor RAYMOND.

159S—Summer course in practical mining. For a period of 6 weeks in June and July. Professor RAYMOND.

*Equipment.* The lecture courses on mining are illustrated by sets of books containing blue-prints from negatives made for the purpose. There are a sufficient number of these books to enable each student to have the use of one of each course for reference during the lectures and for home study. Wall diagrams and large working blue-prints are also freely used for lecture illustration.

The University Library contains sets of the transactions of all mining, metallurgical, and engineering societies, and of the more important periodical publications on these subjects. There is also a large collection of books on mining and all new publications of value are added as they appear. In addition, the School of Mines contains a reference library of mining and metallurgical books and periodicals, accessible to students at all times.

The subject of mining is illustrated by collections as follows: Maps of coal and metal mines of this and other countries. Working drawings, diagrams, and photographs of mine plant, and of mining and dressing machinery. Models of mines and parts of mines and of mine plant. Mining tools: picks, shovels, hammers, drills, blasting apparatus, lamps, safety-lamps, anemometers, and machine drills. Ores and dressing products from typical works in this and other countries. Surveying instruments: geological compasses and clinometers, attraction compasses, dipping needles, hanging compasses and arcs, transits, lamp signals, rods, and apparatus for plumbing and measuring shafts.

The basement and sub-basement of the School of Mines are equipped as laboratories for the study of ore-dressing. These laboratories serve four purposes: 1. To illustrate the physical laws bearing on mineral separation. 2. To afford opportunity for quantitative working tests. 3. To train students in the adjustment and operation of concentrating machinery, and in the making of efficiency tests under working conditions. 4. To give advanced students and others all necessary facilities for original investigation.

Many coal, iron, and other mines, slate and stone quarries, and metallurgical works are easily accessible. Within one hundred miles of New York City may be studied examples of the best practice in mining and metallurgy under varied conditions, and some of the most modern and effective mining and dressing machinery and smelting plants in the country. The excursions of the summer class in mining extend as far as the iron, copper, zinc, lead, silver, and gold regions of Michigan, Missouri, Montana, Colorado, Arizona, Utah, and California.

More detailed information as to the courses offered and as to the facilities of instruction will be found in the current *Announcement of the Schools of Mines, Engineering, and Chemistry*.

#### METALLURGY

101—Introduction to metallurgy. 3 hours. Professor KERN.

111—Metallurgy of copper. 3 hours. Professor WALKER.

118—Metallurgy of copper. 1 hour. Professor KERN.

122—Metallurgy of lead, silver, gold, and zinc. 3 hours. Professor WALKER.

128—Metallurgy of lead, silver, gold, zinc, and the minor metals. 1 hour. Professor WALKER.

131—Metallurgy of iron and steel. 1 hour. Professor CAMPBELL.

133—Metallurgy of iron and steel. 2 hours. Professor CAMPBELL.

138—Metallurgy of iron and steel. 1 hour. Professor CAMPBELL.

141—Electrometallurgy. 1 hour. Professor KERN.

148—Electrometallurgy. 1 hour. Professor KERN.

151—Metallography. 2 hours. Professor CAMPBELL.



155-156—Metallography of iron, steel, and industrial alloys. 1 hour. Professor CAMPBELL.

158—Metallography. 3 hours. Professor CAMPBELL.

171—Metallurgical laboratory. 4 afternoons. Professors CAMPBELL and KERN.

172—Metallurgical laboratory. 2 afternoons. Professors CAMPBELL and KERN.

173-174—Metallurgical Laboratory. Professors CAMPBELL and KERN.

181-182—Assaying. C 2 hours, L 3 afternoons. Professor HALL.

201-202—Graduate metallurgical research. 4 afternoons. Professors CAMPBELL and KERN.

#### SUMMER SESSION

155S—Third year chemical engineers special course on iron and steel, and metallography, including laboratory. 3 hours 1 afternoon for 2 weeks.

164S—Ferrous metallurgy. Professor CAMPBELL.

166S—Non-ferrous metallurgy. Professors WALKER and KERN.

*Metallurgical Excursions.* During the summer the students see, at the metallurgical works near the city, iron blast furnaces, bessemer and open-hearth steel-making, lead and copper smelting, copper bessemerizing and refining by furnace and electrolytic methods, the desilverizing of base bullion, and the parting and refining of gold and silver by electrolytic and acid methods.

*Equipment.* The special teaching equipment for metallurgy contains many large lecture diagrams and bromide enlargements showing the various metallurgical appliances, and the sequence of metallurgical processes, besides many models, drawings, and apparatus for lecture demonstrations. There is also a collection of about 3,000 specimens of ores, metals, and metallurgical products, and a rapidly forming collection of microscopic sections and photomicrographs of metals and alloys.

*Non-ferrous and Electrometallurgical Laboratory.* A. For wet and dry metallurgy, the extraction, smelting, refining, and alloying of non-ferrous metals, there are ore-roasting furnaces; reverberatory smelting furnace; gas-fired crucible furnaces; assay muffle furnaces; a high-temperature forge; leaching plants; a filter press; amalgamating pans; a chlorinating barrel; ball mills; desilverization kettles; and pyrometers. B. For electrometallurgy the electrical recovery, deposition, refining, and alloying of metals, there are storage batteries; a 30 K.W. motor-generator set for supplying direct current at high amperage and a range up to 25 volts; electrolytic refining vats; small electric furnaces of the Moissan arc, Borchers arc, and resistance types; and large experimental melting, smelting, and refining furnaces.

*Iron and Steel Laboratory* is equipped with electric and double-muffle gas furnaces especially designed for this laboratory, in which a number of full-sized tensile test bars may be heated simultaneously to any temperature up to 1300° C., with uniformity and precision; gas crucible furnaces; gas forges; special furnaces; and small power-driven rolls for studying the influence of the conditions of rolling on the properties of metals.

*The Metallographic Laboratories,* for the microscopic and pyrometric study of metals, mattes, speiss, slags, ores, etc., have microscopes of the Leitz, Le Chatelier, and other types; equipment for illumination and photography; electric resistance furnaces of different types; portable gas furnaces; and pyrometers. The metal-working shop has power-driven machines for cutting specimens, etc.

*The Assay Laboratory* has for its main equipment thirty-six gas-fired muffle furnaces, with a corresponding number of desks, which are arranged in rows with a furnace facing each desk. There are, also, a sufficient number of coke pot, coal muffle, and gasoline furnaces for the student to become familiar with these types. The usual balance-, grinding-, and cupel-rooms are provided.

The laboratory gives advanced students and practitioners unusual advantages for investigating accurately the scientific and many of the economic problems of metallurgy.

*Library.* A special library of about 1,600 volumes, on metallurgical subjects, is included in the School of Mines departmental reference library.

## MUSIC

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professor:* W. H. HALL and C. RYBNER (*Executive Officer*).

*Associate Professors:* C. H. FARNSWORTH, D. G. MASON, and A. J. LATHAM.

*Associate:* F. E. WARD and W. J. KRAFT.

*Instructors:* G. M. DASCHBACH and F. LAMOND.

1-2—History of music. 2 hours. 4 points. Professor MASON.

3-4—History of music. 2 hours. 4 points. Professor MASON.

7-8—Harmony. 3 hours. 6 points. Mr. WARD.

9-10—Advanced harmony and elementary form. 2 hours. 4 points. Professor MASON.

11-12—Counterpoint. 2 hours. 4 points. Mr. WARD.

13-14—Composition and orchestration. 2 hours. 4 points. Professor RYBNER.

15-16—Orchestral instruments and their use. 1 hour. 2 points. Professor RYBNER.

33-34—University chorus. 1 point. Professor HALL.

101-102—Advanced composition and orchestration. 2 hours. 6 points. Professor RYBNER.

103-104—Orchestration and symphonic form. 2 hours. 6 points. Professor RYBNER.

## SUMMER SESSION

sX—Chorus. Professor HALL.

s1—History and appreciation of music. 2 points. Professor COLE.

s7—Elementary harmony. 2 points. Professor COLE and Mr. WILDE.

s10—Musical form and harmonic analysis. 2 points. Professor COLE.

s18—Nineteenth-century romanticism in music. 2 points. Professor COLE.

## EXTENSION TEACHING

eX1-X2—University chorus. 2 points. Professor HALL.

eY1-Y2—University choir. 2 points. Professor HALL.

e5—Elementary ear training and dictation. 2 points. Mr. MANNING.

e6—Elementary ear training and dictation—starting in February. 2 points. Mr. MANNING.

e5a-6a—Advanced ear training and dictation. 2 points. Beginning in February. Mr. MANNING.

e7-8—Elementary harmony. 4 points. Mr. WARD.

e7a—Elementary harmony. 2 points. Mr. WARD.

e8a—Elementary harmony. Starting in February. 2 points. Mr. WARD.

e9-10—Advanced harmony and elementary form. 4 points. Mr. WARD.

e53-54—Introductory harmony. 4 points. Mr. KRAFT.

e55-56—Sight singing. 4 points. Mr. KRAFT.

e105-106—Choral music. 4 points. Professor HALL.

Twenty-nine courses in teaching and supervision and technique of music and speech are offered at Teachers College. (See current *Announcement of Teachers College School of Practical Arts.*)

*Equipment.* A collection of music and of books of reference is placed at the disposal of students. It includes the complete works of various composers, many orchestral and opera scores, the pianoforte classics and vocal music, besides many theoretical, historical, and biographical works. The private library of the late Anton Seidl, consisting of 1,220 scores, was presented to the University and has been placed in the rooms of the Department of Music; also the great library of Dr. James Pech, comprising thousands of scores in all forms of composition. The department has also a collection of instruments for the use of students participating in the University Orchestra.

The Department of Music offers an annual recital of original compositions by students in the department, and the regular concerts of the University Orchestra and the University Chorus.

The Institute of Arts and Sciences offers numerous concerts and recitals. For details consult separately printed bulletin which may be procured through the Secretary of the University.

## NEUROLOGY

*See introductory paragraphs, page 67*

*Professor Emeritus:* M. ALLEN STARR.

*Professor:* F. TILNEY (*Executive Officer.*)

*Associate Professor:* L. CASAMAJOR.

*Assistant Professors:* S. P. GOODHART, O. S. STRONG.

*Professor of Clinical Ophthalmology:* W. A. HOLDEN.

*Assistant Clinical Professor:* E. L. HUNT.

*Assistant Professor of Orthopedic Surgery:* C. H. JAEGER.

*Instructors:* C. A. MCKENDREE, E. C. JAGLE, L. ARONSON, H. S. HOWE, I. WECHSLER, R. HOYT, S. R. LEAHY, and R. UNGER.

215—Neuro-anatomy. Lectures, demonstrations, and laboratory work. 3 hours. Winter session, second year. Professors TILNEY and STRONG, Drs. MCKENDREE and RILEY.

201-202—Neurology: The diseases of the nervous system. At the College, at the City Hospital, and at the Montefiore Home. Lectures with demonstrations. 2 hours. Third year. Professors TILNEY, GOODHART, and HUNT.

217-218—Neuro-pathology. Lectures and laboratory work. 2 hours for one-third year. Winter and Spring sessions, third year. Professors STRONG and TILNEY.

203-204—Clinical lectures in neurology. At the Vanderbilt Clinic. 1 hour. Fourth year. Professors STARR and TILNEY.

205—Psychiatry. Lectures 1 hour. Winter session, fourth year. Professor TILNEY.

206—Morphology of the nervous system. 3 hours. Spring Session, first, second, third, or fourth year. Professors TILNEY and STRONG.

210—Practical instruction in the methods of examination of insane patients. At Ward's Island. 1 hour. One-eighth of fourth year. Dr. SANDS.

213-214—Research in the examination of the mentally defective. At the Vanderbilt Clinic. 2 hours. One-half year.

## SUMMER SESSION

s219—Diagnosis and treatment of the neuroses and psychoneuroses. Clinic at the Vanderbilt Clinic. 1 point if taken with s220, s221, s222, and s224.

*s220*—Neuro-pathology. Lectures and laboratory exercises. 2 points if taken with *s219*, *s221*, *s222*, *s223*, and *s224*.

*s221*—Methods and technique of neurological examination. Demonstrations and conferences. 2 points if taken with *s219*, *s220*, *s222*, *s223*, and *s224*.

*s223*—Principles of psychiatry. Clinic at the Vanderbilt Clinic. 1 point if taken with *s219*, *s220*, *s221*, *s222*, and *s224*.

*s224*—Neuro-anatomy. The anatomy, histology, development, and architectonics of the nervous system. Lectures, demonstrations, conferences, and laboratory work. 6 points. Professors TILNEY, A. V. S. LAMBERT, STRONG, and ELWYN.

*Equipment.* The laboratory of the Neurological Department has recently been enlarged and its equipment materially augmented. It now provides accommodations for thirty post-graduate students in neurological research. Gross and microscopic preparations of the nervous system as well as comparative material are included in the study collection of the department. All of the more modern instruments for the study of the brain and the preparation of neurological specimens are accessible to those properly qualified in the University.

## NURSING AND HEALTH

Twenty-seven courses in Nursing and Health are offered under the direction of Teachers College. For details see the current *Announcement of Teachers College, School of Practical Arts*.

## OBSTETRICS

*See introductory paragraphs, page 67*

*Professors:* <sup>1</sup>E. B. CRAGIN and H. M. PAINTER.

*Assistant Professor:* WILBUR WARD (*Executive Officer*).

*Associate:* E. M. COLIE, JR. (in military service).

*Instructors:* SAMUEL SWIFT and WARREN HILDRETH.

*102*—Recitations and demonstrations in obstetrics. 2 hours. Dr. HILDRETH.

*210*—The theory and practice of obstetrics. Lectures, 3 hours; two didactic and one clinical. Professor WARD.

*203-204*—Practical instruction in obstetrics. Dr. SWIFT.

*205-206*—Out-patient service in obstetrics. Professor PAINTER and assistants.

## ORIENTAL LANGUAGES

*See introductory paragraphs, page 67*

### INDO-IRANIAN

*Professor:* A. V. WILLIAMS JACKSON.

*Lecturers:* A. YOHANNAN and (during Winter session) C. J. OGDEN.

*101*—Sanskrit, first course. Grammar and reading of texts. 3 hours. 4½ points. Professor JACKSON and Dr. OGDEN.

[*102*—Sanskrit, second course. Reading of texts. 3 hours. 4½ points. Professor JACKSON. Not given in the Spring session of 1918-1919.]

*103*—Avestan, first course. Grammar and reading of texts. 2 hours. 3 points. Professor JACKSON.

<sup>1</sup> Died October 21, 1918.



104—Avestan, second course. Reading of texts. 2 hours. 3 points. Professor JACKSON.

106—Sanskrit, advanced course. 2 hours. 3 points. Professor JACKSON.

107-108—Modern Persian, introductory course. 2 hours. 3 points each session. Dr. YOHANNAN.

100-110—Modern Persian, second course. 2 hours. 3 points each session. Dr. YOHANNAN.

115-116—History of India and of Persia. 2 hours. 3 points each session. Professor JACKSON and Dr. OGDEN.

202—Avestan, advanced course. 2 hours. 3 points. Professor JACKSON.

204—Pali, elementary course. 1 hour. 1½ points. Professor JACKSON.

205—Old Persian Cuneiform inscriptions. 1 hour. 1½ points. Professor JACKSON.

206—Pahlavi, introductory course. 1 hour. 1½ points. Professor JACKSON.

207—Sanskrit literature. 1 hour. 1½ points. Professor JACKSON.

208—Persian literature. 1 hour. 1½ points. Professor JACKSON.

209—Zoroastrian Gathas. 1 hour. 1½ points. Professor JACKSON.

210—Zoroaster and Buddha, their life and teachings. 1 hour. 1½ points. Professor JACKSON.

211-212—Modern Persian, third-year course. 2 hours. 3 points each session. Dr. YOHANNAN.

301-302—Indo-Iranian seminar. 3 points each session. Professor JACKSON and Dr. OGDEN.

#### ARMENIAN

[213-214—Principles of Armenian grammar with selected readings. 2 hours. 3 points each session. Dr. YOHANNAN. Not given in 1918-1919.]

#### TURKISH

215-216—Principles of Turkish grammar. 2 hours. 3 points each session. Dr. YOHANNAN.

[217-218—Advanced course in Turkish. 2 hours. 3 points each session. Dr. YOHANNAN. Not given in 1918-1919.]

[219-220—Exercises in Turkish conversation and in the reading of Turkish newspapers. 2 hours. 3 points each session. Dr. YOHANNAN. Not given in 1918-1919.]

#### SEMITIC

*Professors:* R. J. H. GOTTHEIL (*Executive Officer*) and J. D. PRINCE.

*Lecturers:* P. K. HITTI and F. A. VANDERBURGH.

#### BIBLICAL HEBREW

101-102—Elementary course. 2 hours. Dr. HITTI.

103—Second course. Exercises in the reading of post-Biblical Hebrew. Professor GOTTHEIL.

104—Third course. Isaiah. 2 hours. Professor GOTTHEIL.

[105—Third (lecture) course. Semitic archæology and its bearings upon the study of the Bible. Professor GOTTHEIL.]

#### RABBINICAL HEBREW

107-108—Selected readings from the Mishnah. 2 hours. Professor GOTTHEIL.

109-110—Selected readings from the Hebrew poetical writers of the Middle Ages. 2 hours. Professor GOTTHEIL.

201—Lectures on post-Biblical Hebrew literature. 2 hours. Professor GOTTHEIL.

## EPIGRAPHY

[203—Interpretation of the Phœnician inscriptions, with an introduction to Semitic paleography and the history of the alphabet. 2 hours. Professor GOTTHEIL.]

[204—Interpretation of the Aramean inscriptions. 2 hours. Professor GOTTHEIL.]

[205—Interpretation of the Sabeian and Himyaritic inscriptions contained in the *Corpus Inscriptionum*, vol. iv. 1 hour. Professor GOTTHEIL.]

## ASSYRIAN

111—Elementary course. 2 hours. Professor PRINCE.

112—Second course—Study of the syllabary. 2 hours. Professor PRINCE.

209—Third course—Study of texts. 2 hours. Professor PRINCE.

209A—Third Course—Readings from Babylonian texts. Dr. VANDERBURGH.

210—Fourth course—Study of religious texts. 2 hours. Professor PRINCE.

210A—Readings from bilingual texts. 1 hour. Dr. VANDERBURGH.

211—Advanced course—Sumerian texts. 2 hours. Professor PRINCE.

212—Advanced course—Sumerian hymns from cuneiform texts. 2 hours. Professor PRINCE.

## ARABIC

113—Elementary course. 2 hours. Dr. HITTI.

114—Second course. 2 hours. Dr. HITTI.

213—Advanced course—Selections from historical writers. 2 hours. Professor GOTTHEIL.

214—Advanced course—Selections from the Koran. 2 hours. Professor GOTTHEIL.

215-216—Arabic poetry. 2 hours. Dr. HITTI.

cX1-cX2—Elementary grammar, reading, writing, and speaking. Dr. HITTI.

## SYRIAC

115—First course. 2 hours. Dr. HITTI.

116—Second course. 2 hours. Dr. HITTI.

117—Third course. 2 hours. Professor GOTTHEIL.

118—Fourth course. 2 hours. Professor GOTTHEIL.

## ETHIOPIC

221-222—Principles of the grammar, and reading of extracts. Professor GOTTHEIL.

## HISTORY

119—The ancient history of western Asia from the earliest times until the period of Cyrus the Persian. 2 hours. Professor PRINCE and Dr. VANDERBURGH.

This course is identical with History 109.

120—The rise of Arabian civilization and the spread of Mohammedanism. 2 hours. Professor GOTTHEIL.

This course is identical with History 104.

122—Political and social evolution of modern Turkey and Egypt. 2 hours. Professor GOTTHEIL.

This course is identical with History 154.

## SEMITIC SEMINAR

301-302—Study of current questions in Semitic philology and history with especial reference to modern methods of research. Professor GOTTHEIL.

## EGYPTIAN

[218—Elementary course in Coptic. 1 hour. Professor PRINCE.]

## SLAVONIC

101-102—Elementary Russian. 2 hours. Professor PRINCE.

103—Selections from Russian prose with exercises in writing and conversation. 2 hours. Professor PRINCE.

104—Russian prose and poetry. Introduction to Church-Slavonic. 2 hours. Professor PRINCE.

105-106—Lectures in Russian literature dealing with the most important works and authors of the nineteenth century. 2 hours. Mr. YARMOLINSKI.

## EXTENSION TEACHING

Russian *e102*—Elementary Russian. Second term course. 2 hours. Professor PRINCE.

Russian *e107-108*—Elementary Russian for business men. Evening course. 2 hours. Mr. ANDREEVSKI.

Russian *e109-110*—Advanced Russian for business men. 2 hours. Mr. ANDREEVSKI.

Russian *e125*—History of Russia. Lecture course. 2 hours with conference. Professor PRINCE.

*e103-104*—History of the Eastern question. 2 hours. Mr. KALENDARIAN.

Polish *e101-102*—Elementary Polish. 2 hours. Mr. STRASZEWICZ.

Polish *e103-104*—Polish literature. 2 hours. Mr. STRASZEWICZ.

## SPOKEN LANGUAGE COURSES

Russian *cX1-X2*—Elementary grammar, colloquial and written Russian. Mr. YARMOLINSKI.

Serb. *cX1-X2*—Elementary Serbo-Croatian. 2 hours. Mr. RADIN.

## UNION THEOLOGICAL SEMINARY

1-2—History, literature, and religion of the Old Testament in outline. 2 hours. Professor BEWER.

12—Readings in Hebrew narratives. 3 hours. Mr. CUMMING.

13—Readings in Chronicles. 2 hours. Mr. CUMMING.

14—Rapid reading of Ezekiel. 2 hours. Mr. CUMMING.

16—Biblical Aramaic. 1 hour. Professor FAGNANI.

27—Exegesis of Samuel. 2 hours. Professor FAGNANI.

29—Exegesis of Isaiah. 2 hours. Professor FAGNANI.

30—Exegesis of Jeremiah. 2 hours. Professor FAGNANI.

34—Exegesis of Psalms. 2 hours. Professor FAGNANI.

71-72—History of Israel. 2 hours. Professor SMITH.

77—Introduction to the Apocrypha and Pseudepigrapha. 2 hours. Professor BEWER.

78—Readings in the Apocrypha. 2 hours. Mr. CUMMING.

83—Religion of the earlier Prophets. 2 hours. Professor BEWER.

84—Religion of the later Prophets. 2 hours. Professor BEWER.

95-96—Seminar. 2 hours. Professor BEWER.

106—Textual criticism. 2 hours. Professor BEWER.

## PATHOLOGY

*See introductory paragraphs, page 67*

*Professor:* JAMES W. JOBLING (*Executive Officer*).

*Assistant Professors:* A. M. PAPPENHEIMER and J. H. LARKIN.

*Associates:* A. A. EGGSTEIN and CHARLES H. BAILEY.

*Instructors:* WILLIAM C. JOHNSON and M. J. SITTENFIELD.

Courses 102, 106, 201-202, and 251-252 are open to candidates for degree of A.M., or Ph.D. Courses 102, 106, 113-114, 201-202, and 251-252 are open to graduates in medicine.

## COURSES REQUIRED OF CANDIDATES FOR THE DEGREE OF M.D.

102—General and special pathology, including experimental pathology. Lectures and laboratory 11½ hours; Spring session, second year, 4 points.

106—Gross pathological anatomy and attendance upon autopsies. 4 hours, and at other times as occasion offers; Spring session, second year. 4 points.

113-114—Clinical and pathological conference. Lectures and laboratory 1½ hours; fourth year.

## COURSES ELECTIVE FOR CANDIDATES FOR THE DEGREE OF M.D.

110—Case study of autopsy material. At the Presbyterian and City Hospitals, three hours; Spring session, second year. Groups limited to twelve men. Hour to be arranged.

115—Experimental pathology. Winter session, third or fourth year. Limited to twelve men. 3 hours.

201-202—Advanced pathology. Second, third, or fourth year. Subjects to be arranged. The officers of the department.

205—Pathology of certain common diseases. At the Presbyterian Hospital; 3 hours. Winter session, third or fourth year; limited to twelve students.

251-252—Research in pathology. Under the direction of the professor of pathology; third or fourth year. The officers of the department.

*Equipment.* The department of pathology occupies the greater part of the fourth floor of the north building of the college, together with large class laboratories, amphitheater, photographic rooms, etc., of the fifth floor. On the fourth floor there are, besides, the rooms devoted to the staff, large rooms with abundant desk room for special workers, several specially equipped operating rooms for aseptic experimental work, a small chemical laboratory, the museum, preparation rooms, cold storage, etc. Two rooms on this floor are occupied by the library, which is accessible to workers in this and related departments. The museum of pathology is used both for the instruction of medical students and as a place of deposit for specimens showing new or rare forms of lesion. On the roof there is commodious accommodation for animals together with small special rooms for experimental work. The entire space is amply lighted, fully furnished and equipped with apparatus necessary for routine teaching and special research.

## PHARMACOLOGY

*See introductory paragraphs, page 67*

*Assistant Professor:* C. C. LIEB.

101-102—Experimental pharmacology. C 3 hours, L 4 hours. Professor LIEB and assistants.

213-214—General pharmacology. C 1 hour, L 6 hours. Professor LIEB.



215—Biological standardization of drugs. L 7 hours. Professor LIEB.

217—Practical prescription writing. 3 hours. Professor LIEB.

251-252—Research in pharmacology. Professor LIEB.

*Journal Club.* A journal club, composed of the members of the staff and graduate students, holds weekly meetings for the discussion of current literature and special investigations.

The laboratory is equipped with such apparatus as is necessary to study the pharmacologic action of the more important drugs.

## PHARMACY

The New York College of Pharmacy is the Division of Pharmacy of Columbia University. In the section of the Catalogue devoted to the College of Pharmacy will be found a list of its officers and information as to the equipment and method of instruction. The program of studies includes the following courses:

### COLLEGE CLASS

#### *First Year*

Physics, lectures, and recitations. 4 points. Professor ARNY and Dr. SCHAEFER.

General and pharmaceutical chemistry, lectures, and recitations. 6 points. Professors ARNY and Dr. SCHAEFER.

Analytical chemistry, laboratory, and theoretical course and recitations. 3 points. Professor HOSTMANN and Dr. WILLIAMS.

Theory of pharmacy, lectures, and recitations. 5½ points. Professor DIEKMAN and Mr. WOLFSON.

Practical pharmacy, laboratory course. 2 points. Professors DIEKMAN and WIMMER and Mr. WOLFSON.

Dispensing pharmacy, laboratory course. 1 point. Professors DIEKMAN and WIMMER and Mr. WOLFSON.

Pharmaceutical Latin, exercises. ½ point. Professor DIEKMAN and Mr. WOLFSON.

Pharmaceutical accounting, lectures, and laboratory exercises. 3 points. Mr. KENNEDY and Mr. COUCHMAN.

Physiology, lectures, and recitations. 4 points. Professor RUSBY, Dr. BALLARD, and Miss HART.

Botany, lectures, recitations, and laboratory course. 5 points. Professor RUSBY and Miss HART.

Vegetable histology, laboratory course. 2½ points. Professor BALLARD and Miss HART.

Posology, recitations. 1 point. Miss HART.

### UNIVERSITY CLASS

#### *Freshman Year*

The program for the University Class will be the same as that for the College Class, announced above, with the addition of the following:

Practical physics, laboratory course. 2 points. Professor ARNY and Dr. SCHAEFER.

### COLLEGE CLASS

#### *Second Year*

General organic, pharmaceutical and medical chemistry, lectures, and recitations. 8 points. Professors ARNY and HOSTMANN.

Analytical chemistry, laboratory course. 3 points. Professor HOSTMANN and Dr. WILLIAMS.

Practical pharmacy, lectures, and laboratory course.  $8\frac{1}{2}$  points. Professors DIEKMAN and WIMMER and Mr. WOLFSON.

Dispensing pharmacy, laboratory course. 1 point. Professors DIEKMAN and WIMMER and Mr. WOLFSON.

Pharmaceutical jurisprudence, lectures, and recitations.  $\frac{1}{2}$  point. Professors DIEKMAN and WIMMER.

Materia medica, lectures, and recitations. 5 points. Professor RUSBY and Miss HART.

Toxicology, lectures, and recitations. 1 point. Professors RUSBY and BALLARD.

Macroscopic pharmacognosy, laboratory course.  $1\frac{1}{2}$  points. Professor BALLARD and Miss HART.

Microscopic pharmacognosy, laboratory course.  $1\frac{1}{2}$  points. Professor BALLARD and Miss HART.

#### UNIVERSITY CLASS

##### *Sophomore Year*

The program for the University Class agrees with that for the College Class, as announced above.

#### UNIVERSITY CLASS

##### *Junior Year*

Biology, lecture and laboratory course. 2 points. Professor BALLARD and Miss HART.

Bacteriology, lecture and laboratory course.  $1\frac{1}{2}$  points. Professor JESSUP and Miss HART.

Technical and synthetic organic chemistry, lectures, and recitations, and laboratory course. 4 points. Professors ARNY and HOSTMANN.

Analytical chemistry and urine analysis, chemical laboratory, and microscopical laboratory. 6 points. Professors HOSTMANN and BALLARD.

Higher pharmacy, lectures and recitations, and laboratory. 8 points. Professors DIEKMAN and WIMMER and Mr. WOLFSON.

Dispensing pharmacy, laboratory. 2 points. Professors DIEKMAN and WIMMER and Mr. WOLFSON.

#### UNIVERSITY CLASS

##### *Senior Year*

Inorganic quantitative analysis, lecture and laboratory course. 7 points. Professor HOSTMANN.

Food analysis and toxicology, lecture and laboratory course. 7 points. Professor ARNY.

Physiological chemistry, lecture course. 2 points. Professor GIES.

Pharmaceutical assaying, lecture and recitation course. 2 points. Professor DIEKMAN.

Higher pharmacy, laboratory course. 9 points. Professors DIEKMAN and WIMMER and Mr. WOLFSON.

Plant analysis, laboratory course.  $2\frac{1}{2}$  points. Professor RUSBY.

Systemic botany and technical microscopy, lecture and laboratory course. 2 points. Professor BALLARD and Miss HART.

#### EVENING COURSE IN EXTENSION TEACHING

Chemical urinary analysis, lecture and laboratory course. 6 points. Professor HOSTMANN.

Gravimetric analysis, lecture and laboratory course. 6 points. Professor HOST-MANN.

Food and drug analysis, lecture and laboratory course. 6 points. Dr. SCHAEFER.

Pharmacy of the newer remedies, lecture and laboratory course. 6 points. Professor WIMMER.

Pharmaceutical manufacturing, lecture and laboratory course. 6 points. Professor WIMMER.

Advanced pharmacy, lecture and laboratory course. 6 points. Professor WIMMER.

*Equipment.* The College of Pharmacy is supplied with a full equipment, in all departments, independent of any of the other resources of the University.

The Library has been built up for the special purpose of supplying the needs of the pharmaceutical profession, both within and without the College. It contains some 5,000 volumes and extensive series of periodicals on pharmacy, chemistry, and botany, and is accessible, during the regular College hours, not only to members and students of the College, but to the pharmacists of the City.

The Information Bureau, conducted as an adjunct to the Library, undertakes to supply information in pharmaceutical subjects to those desiring it, who are unable to visit the library in person.

All lecture courses are fully supplied with charts, apparatus, and materials for demonstrating the subjects taught. The physics laboratory is well supplied with apparatus for students' practice, including a full set of crystal models and a goniometer.

In the chemical and pharmaceutical laboratories there is a separate desk, with locker, for each student, 150 working together, supplied with a full set of apparatus, reagents, and materials. The laboratory in dispensing pharmacy provides a separate desk and locker for each student, with every facility for securing a thorough training in prescription filling.

The bacteriological laboratory is supplied with apparatus for each student, enabling him to become proficient in identifications of bacteria and the making of culture.

In the botanical laboratory, each student is supplied with a complete set of dissecting material to illustrate the gross and microscopical structure of plants, and also with an excellent microscope for the study of cells and cell contents.

In pharmacognosy each student receives a complete set of several hundred specimens of standard drugs, which he retains permanently.

A similar supply of specimens and microscopes is furnished for the study of all subjects in the course of general biology.

## PHILOSOPHY AND PSYCHOLOGY

*See introductory paragraphs, page 67*

*Professors:* F. ADLER, J. DEWEY (*Executive Officer, Philosophy*), H. G. LORD, D. S. MILLER, E. L. THORNDIKE, F. J. E. WOODBRIDGE, and R. S. WOODWORTH (*Executive Officer, Psychology*).

*Associate Professors:* W. T. BUSH, A. L. JONES, W. P. MONTAGUE, N. NORSWORTHY,<sup>1</sup> and H. L. HOLLINGWORTH.

*Assistant Professors:* J. J. COSS, H. A. RUGER, and M. T. WHITLEY.

*Instructors:* W. F. COOLEY, A. J. POFFENBERGER, JR., R. B. OWEN, H. W. SCHNEIDER, and H. H. PARKHURST.

*Lecturers:* C. L. FRANKLIN, IRWIN EDMAN, H. K. GARNIER, T. MUNRO, HORACE FRIESS, and DONALD MACKAY, H. T. COSTELLO, L. I. STECHER, and F. BARRY.

*Non-resident Lecturer:* C. CLIFFORD.

<sup>1</sup>Deceased.

*Assistants:* ISABEL LEAVENWORTH, A. J. SCHNEEWEISS, F. E. CAROTHERS, and G. STICKLAND.

#### PHILOSOPHY

*A1-A2*—Introductory course. Principles of science. 3 hours. 6 points. Dr. PARKER, Professor COSS, Dr. EDMAN, Mr. MUNRO, and Mr. FRIESS (Columbia College).

*H1*—Honors conference—Readings from the logical writings of Aristotle, Bacon, Mill, and Dewey. Dr. COSTELLO.

*H2*—Contemporary philosophers. Dr. COSTELLO.

*H4*—Classical metaphysicians. Dr. COSTELLO.

*A1-A2*—Introductory course. First half-year, psychology; second half-year, logic. 3 hours. 6 points. Professors MONTAGUE and HOLLINGWORTH, Dr. PARKHURST, and Mrs. LEAVENWORTH (Barnard College).

*A4*—Introductory course. 3 hours. 3 points. Dr. PARKER, Dr. EDMAN, Dr. SCHNEIDER, and Mr. MACKAY.

*11-12*—Philosophy and its literature. 3 hours. 6 points. Professor BUSH (Columbia).

*21-22*—Ethics. 3 hours. 3 points. Professor LORD (Columbia and Barnard).

*[23-24*—Psychological ethics. 4 hours. 4 points. Professors DEWEY and COSS (Columbia).]

*34*—Business ethics. 3 hours. 3 points. Professor COSS.

*61-62*—The history of philosophy. 3 hours. 8 points. Professor MONTAGUE (Barnard).

*61*—History of ancient philosophy. 4 hours. 4 points. Professor WOODBRIDGE (Columbia).

*62*—History of medieval and modern philosophy. 4 hours. 4 points. Professor WOODBRIDGE (Columbia).

*66*—The philosophy of religion in the light of recent progress in philosophy. 2 hours. 3 points. Professor BUSH (Barnard).

*79-80*—Contemporary philosophy. 2 hours. 6 points. Dr. PARKHURST (Barnard).

*107*—Recent English realism. 2 hours. 3 points. Dr. COSTELLO.

*108*—Logistic. 2 hours. 3 points. Dr. COSTELLO.

*[121-122*—Psychological ethics. 8 points. Professors DEWEY and COSS.]

*[126*—Religion and ethics. 3 points. Professor ADLER.]

*[131-132*—Moral and political philosophy. 3 hours. 8 points. Professors DEWEY and COSS, and Dr. SCHNEIDER.]

*161*—General history of philosophy. Part I. 4 hours. Professor WOODBRIDGE.

*162*—General history of philosophy. Part II. 4 hours. Professor WOODBRIDGE.

*165*—The philosophy of religion in the light of recent progress in philosophy. 2 hours. 3 points. Professor BUSH.

*166*—The Dialogues of Plato. 3 hours. Professor BUSH.

*175-176*—Neo-scholasticism. 2 hours. Father CLIFFORD.

*178*—Recent philosophy in America. 2 hours. 3 points. Professor BUSH.

*179-180*—Present day philosophy and the problem of evolution. 2 hours. 6 points. Professor MONTAGUE.

*199-200*—Seminar for candidates for Master of Arts. 4 points. Dr. COSTELLO.

*241-242*—Education. Philosophy of education. 4 points. Professor KILPATRICK.

*[201-202*—Types of logical theory. Professor DEWEY.]

*203-204*—Principles of constructive philosophy. 6 points. Professor WOODBRIDGE.

*225-226*—The ethics of the state and of international society. 2 hours, bi-weekly. Professor ADLER.

Education *441-442*—Practicum. Philosophy of education. 6 points. Professor KILPATRICK.



Education 443-444—Practicum. Philosophy of education. 2 hours. 6 points. Professor KILPATRICK.

[Education 446—Philosophy and education in their historic relations. 3 points. Professor DEWEY.]

Departmental conferences are held bi-weekly throughout the year. Candidates for the degree of A.M. or Ph.D. are expected to attend and participate.

## EXTENSION TEACHING

*eA1*—Principles of science; methods, deductive and inductive logic. 3 points. Dr. GARNIER and Mr. SCHNEEWEISS.

*eA2*—Principles of science; concepts and problems of philosophy. 3 points. Mr. FRIESS.

*eA4*—Same as *eA1*. Mr. MACKAY.

*eA5*—Same as *eA2*. Dr. GARNIER.

*e21*—Ethics, theoretical and practical. 2 points. Dr. PARKER.

*e22*—Ethical ideals, past and present. 2 points. Dr. PARKER.

*e135-136*—Radical, conservative, and reactionary tendencies in present-day morals. 2 full or half courses. Professor MONTAGUE.

*e161-162*—History of philosophy. 2 half courses. Professor PARKER.

## SUMMER SESSION

*sA1*—Principles of science: methods, deductive and inductive logic. 2 points. Dr. COOLEY.

*sA2*—Principles of science; concepts and problems of philosophy. 2 points. Dr. COOLEY.

*s102*—Philosophy of nature in modern physics. 3 points. Professor COHEN.

*s130*—Contemporary political philosophy. 3 points. Professor McCCLURE.

*s131*—The philosophy of law. 3 points. Professor COHEN.

*135*—Radical, conservative, and reactionary tendencies in present-day morals. 3 points. Professor MONTAGUE.

*s163*—Introduction to the study of historical philosophy. 3 points. Professor McCCLURE.

*s179*—Present-day philosophy and the problem of evolution. 3 points. Professor MONTAGUE.

*Greek s105*—Informal lectures on the history of Greek philosophy. 3 points. Professor SHOREY.

## PSYCHOLOGY

*A*—Introductory course. 3 hours. 3 points. Dr. STECHER, Dr. PARKHURST, Mrs. LEAVENWORTH (Barnard).

*1*—Elements of general psychology. 3 hours. 3 points. Professor LORD.

*2*—Social psychology. 3 hours. 3 points. Professor LORD.

*7-8*—Experimental psychology. *C* 3 hours, *L* 3 hours. 8 points. Dr. STECHER, assisted by Miss STICKLAND (Barnard).

*11-12*—Advanced psychology, experimental and physiological. 3 hours. 3 points. Professor WOODWORTH.

*13*—Laboratory work in memory and training. *L* 2 hours. 1 point. Professor WOODWORTH and Miss CAROTHERS.

*14*—Laboratory work in perception and judgment. *L* 2 hours. 1 point. Professor WOODWORTH and Miss CAROTHERS.

*15*—Laboratory work in association and thinking. *L* 2 hours. 1 point. Professor WOODWORTH and Miss CAROTHERS.

116—Laboratory work in attention, emotion, and esthetics. *L* 2 hours. 1 point. Professor WOODWORTH and Miss CAROTHERS.

119—Applied psychology. 2 hours. 3 points. Dr. STECHER.

110—Abnormal psychology. 2 hours. 3 points. Dr. STECHER.

111-112—Survey of modern psychology. 6 points. Professor WOODWORTH.

118—Laboratory work in sensation. *L* 3 hours. 2 points. Professor WOODWORTH.

119-120—Mental tests, laboratory and demonstrations. *C* 1 hour, *L* 2 hours. 4 points. Professor WOODWORTH and Dr. STECHER.

171-172—The psychology of religion. Professor COE (Union Theological Seminary).

203-204—Seminar in motivation. 2 hours. 6 points. Professor WOODWORTH.

205-206—Individual research. *L* 6 hours, 6 points. Professor WOODWORTH.

Departmental conference. 2 hours. Professor WOODWORTH.

Research in psychology. Professor WOODWORTH and Mrs. FRANKLIN.

For courses in Educational Psychology, see page 100.

#### SUMMER SESSION

51—Elements of psychology. 2 points. Professor WOODWORTH.

52—Introduction to psychology. 2 points. Professor WOODWORTH and Miss CAROTHERS.

5106—Psychology and war problems. 3 points. Professor WOODWORTH.

5135—Abnormal psychology. 3 points. Professor HOLLINGWORTH.

5137—Mental hygiene. 3 points. Dr. LAMBERT.

5141—Applied psychology. 3 points. Professor HOLLINGWORTH.

5183—Laboratory work. 3 points. Professor WOODWORTH and Mr. BRIMHALL.

#### EXTENSION TEACHING

e1—Elements of psychology. 3 points. Dr. ACHILLES.

e2—Elements of psychology (continued). 3 points. Professor HOLLINGWORTH and Dr. ACHILLES.

e5-6—Psychology for nurses and social workers. 4 points. Miss ROMER.

e131—Mental hygiene. 3 points. Dr. LAMBERT.

e132—Mental hygiene. 3 points. Dr. LAMBERT.

e145—Applications of psychology. 3 points. Miss CAROTHERS.

e146—Applications of psychology (continued). 3 points. Professor HOLLINGWORTH and Miss CAROTHERS.

e165—Social psychology. 3 points. Professor WOODWORTH.

e168—Psychology in war and reconstruction. 3 points. Professor WOODWORTH.

Business e117—Psychology of advertising and selling. 2 points. Miss STICKLAND.

Business e118—Psychology of advertising and selling. 3 points. Professor STRONG and Miss STICKLAND.

*Equipment.* The library facilities of Columbia University and of the city of New York, for students of philosophy and psychology, are unusually good. The collection of books on the history of philosophy in the University Library is very large, that on Kant and his philosophy being especially complete. About 1,000 periodicals are regularly received, and among them will be found every journal of importance, American or foreign, dealing with philosophy or psychology. Duplicates of the more important psychological books and journals are placed in the Psychological Laboratory,

where there is also a card index of psychological literature containing over 50,000 titles. Students of psychology will also find much of value in the Library of the Academy of Medicine, 17 West Forty-third Street, which is open to students free of charge. The New York Public Library is available for students, when introduced by one of the instructors, on especially favorable terms.

The Psychological Laboratory in Schermerhorn Hall, besides the lecture-room and laboratories for introductory courses, contains ten rooms available for research work, some of them being specially constructed for particular sorts of psychological experiments. There is also a departmental library of the most important original literature of experimental psychology, and a well-equipped workshop in which much of the apparatus required for research or for laboratory courses is made by the aid of a skilled instrument maker. The collection of apparatus includes that required for demonstration in courses in experimental and physiological psychology and for laboratory work in the same subjects; the outfit of an anthropometric laboratory with a full equipment for various forms of mental tests; an adding machine and other aids in statistical work; and apparatus that has been used or is being used in research.

## PHYSICAL EDUCATION

*See introductory paragraphs, page 67*

For Transition Courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* T. D. WOOD (*Executive Officer*), G. L. MEYLAN.

*Assistant Professor:* E. S. ELLIOTT.

*Associate:* FRED B. DAWSON.

*Instructors:* G. WEEMAN, C. MERNER, L. C. COLSEY, and E. T. KENNEDY.

*Assistants:* G. HOLM, T. B. KIRKPATRICK, and A. A. MASON.

Hygiene 1-2—Lectures, quizzes, and reports on topics of personal and community hygiene. 3 hours. Professor MEYLAN.

A1-A2—Elementary graded gymnastic exercise, athletics, and swimming. 3 hours. 3 points. Professors MEYLAN and ELLIOTT, Messrs. WEEMAN, COLSEY, DAWSON, MERNER, and HOLM (Columbia).

A3-A4—Hygiene and sanitation. 1 hour. 1 point. Professors MEYLAN and ELLIOTT, Mr. KIRKPATRICK and Mr. DAWSON.

e1-2—Hygiene and sanitation. 3 hours. 6 points. Professor MEYLAN.

eA1-A2—Gymnastics and games. 4 points. Dr. ELLIOTT.

eX1-X2—Wrestling. Mr. PETERSON.

eY1-Y2—Swimming. Mr. HOLM.

eZ1-Z2—Boxing. Mr. WEEMAN.

1-2—Athletics, games, gymnastics, swimming, and life-saving. 3 hours. 2 points. Mr. WEEMAN.

See also courses given at Teachers College. For details consult the separately printed *Bulletin of Teachers College, School of Practical Arts*.

*Equipment.* The main exercising-room is semi-circular in shape, and has a floor area of 16,000 square feet. The ceiling is 35 feet high, and the room is well lighted and well ventilated, both naturally and artificially. The running track is 11 feet wide, with ends raised, and measures 10 laps to the mile. On the same floor as the running track are the Gymnasium and Director's offices, an auxiliary gymnasium 80 x 100 feet, rooms for fencing, boxing, and handball, two large dressing-rooms with 2,600 steel lockers, and 32 shower-baths. Below the exercising-room is the swimming pool, semi-

circular in shape; it measures 100 by 50 feet on its axes, and contains 260,000 gallons of water which is filtered and sterilized daily. The depth is from 4 to 10 feet. Around the pool are the dressing-rooms and 20 shower- and needle-baths. On this floor is also a large room and two dressing-rooms equipped with shower-baths and lavatories, for the use of the various athletic teams.

The athletic field is equipped with a  $\frac{1}{4}$ -mile running track, football field, baseball field, basketball court, facilities for jumping, pole vaulting, putting the shot, etc., 12 tennis courts, and a dressing-room with 1,000 lockers and shower-baths.

The Gould Boat-house, located on the Hudson River, at the foot of 116th Street, is equipped with boats of all descriptions, lockers, baths, etc.

The Frederick Ferris Thompson Memorial Building, which houses the department of Physical Education of Teachers College, was given by Mrs. F. F. Thompson. It is a building of four stories, devoted to the purpose of physical education and educational hygiene. It contains offices, examination rooms, lecture- and class-rooms, laboratories, handball courts, bowling alleys, a swimming pool, four gymnasiums, rooms for corrective exercises, dressing-rooms, shower-baths, fencing-room, and a suite of rooms for photographic purposes. This building provides physical-training facilities for women and the pupils of the Horace Mann School, and the varied equipment for the theoretical and practical instruction of professional students in physical education.

Students Hall, the gift of Jacob H. Schiff to Barnard College, was opened in September, 1917. This building provides for Physical Education purposes three gymnasium floors, one 102 by 85 feet, and two smaller rooms, a swimming pool 60 by 30 feet with a depth of 4 to 8 feet, lockers and dressings-rooms, rest-rooms, and departmental offices; here also are the library, class studies, dining-rooms, offices of the different college organizations, and rooms used for various social purposes.

The Gymnasium is open daily during the academic year, except on Sundays and legal holidays, from 8:30 a. m. to 6:30 p. m., Tuesdays, Fridays, and Saturdays, and 8:30 a. m. to 10 p. m., Mondays, Wednesdays, and Thursdays. It is closed for the entire day only on Thanksgiving, Christmas, New Year's, and Good Friday. On all other holidays it is open from 3 to 6 p. m. One or more of the instructors are on the floor at all times when the Gymnasium is open.

A course in physical education is required of all freshmen in Columbia College. A physical examination is required of each student in these classes upon entrance and at the end of the year, and of all other students taking part in athletics.

Every student is entitled to a physical examination by the Medical Director. On the basis of this examination advice is given as to the kind and amount of exercise best adapted to his needs.

## PHYSICS

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.), given in January, 1919, see p. 193.

*Professors:* G. B. PEGRAM (*Executive Officer*), C. L. POOR, M. I. PUPIN, G. V. WENDELL, A. P. WILLS, and J. A. WOODHULL.

*Associate Professors:* C. H. BURNSIDE, BERGEN DAVIS, M. E. MALTBY, and J. P. C. SOUTHALL.

*Assistant Professors:* H. W. FARWELL, F. C. SCHROEDER, and H. W. WEBB.

*Instructors:* G. LANGFORD, W. L. SEVERINGHAUS, and M. F. WEINRICH.

*Lecturers:* L. C. BRANT, J. B. COLEMAN, and C. C. UNNEWEHR.

*Assistants:* J. E. CRITES, HIPPI, FRANCES ORR, ALVA TURNER, and MABEL WEIL.



## EXPERIMENTAL PHYSICS, MECHANICS, AND MATHEMATICAL PHYSICS

*A1-A2* and *A4-A5*—General elementary physics. *C* 3 hours and *L* 2 hours. 4 points. Professors DAVIS and FARWELL and assistants.

*B1-B2*—General elementary physics. *C* 3 hours and *L* 2 hours. 4 points. Professor FARWELL and assistants.

6—Mechanics and wave motion. 6 hours. 6 points. Professor WENDELL, Dr. SEVERINGHAUS, Dr. WEINRICH, and Mr. COLEMAN.

7—Heat and light. *C* 6 hours. 6 points. Professor WENDELL, Dr. SEVERINGHAUS, and Dr. WEINRICH.

8—Electricity. 6 hours. 6 points. Professor WENDELL and Dr. SEVERINGHAUS.

49-50—Physical laboratory. *L* 3 hours. 3 points. Professor WENDELL, Dr. SEVERINGHAUS, Dr. WEINRICH, and Mr. COLEMAN.

42—Physical laboratory. *L*, 2, 4, or 6 hours. 1, 2, or 3 points. Professor FARWELL.

10—Mechanics—statics. 3 hours. 3 points. Professor BURNSIDE.

12—Mechanics—statics. 2 hours. 2 points. Professor BURNSIDE.

15-16—Analytical mechanics. 3 hours. 3 points. Professor PEGRAM.

123-124—Mechanics. 3 hours.  $4\frac{1}{2}$  points each Session. Professor PEGRAM.

103-104—Statics and dynamics. 3 hours. 3 points each Session. Professor BURNSIDE.

149—Physical laboratory. *L* 3 hours. 2 points. Professor WENDELL, Dr. SEVERINGHAUS, and Mr. UNNEWEHR.

150—Physical measurement and physical laboratory. *C* 2 hours, *L* 3 hours. Professor WENDELL, Dr. WEINRICH, and Dr. SEVERINGHAUS.

152—Advanced laboratory course. *L* 4 to 16 hours. 2 to 4 points. Dr. SEVERINGHAUS and Mr. UNNEWEHR.

155—Electricity and magnetism. *C* 3 hours.  $4\frac{1}{2}$  points. Professor DAVIS.

158—Optics. *C* 2 hours. 3 points. Professor SOUTHALL.

213—Thermodynamics. *C* 2 hours. 3 points. Professor PEGRAM.

256—Ionization of gases and electrical constitution of matter. 3 hours.  $4\frac{1}{2}$  points. Professor DAVIS.

258—Phenomena of radio-activity. *C* 2 hours. 3 points. Professor PEGRAM.

*Journal Club.* The Journal Club of the Department meets every week for the discussion of the current literature of physics, and for reports of special investigations.

## STUDENTS' ARMY TRAINING CORPS

War Physics *1A*—(same as *A1* and *B1* above).

War Physics *1D*—(same as 7 above).

War Physics *1H*—(same as 149 above).

War Physics *1K*—(same as 49 above).

War Mechanics *1A*—Statics. 3 hours. Professor BURNSIDE.

War Mechanics *1H*—(same as 103 above).

## BARNARD COLLEGE

1-2—Elementary physics. *C* 3 hours, *L* 2 hours. 6 points. Professor MALTBY, Miss LANGFORD, and Miss BRANT.

11-12—General physics. *C* 3 hours, *L* 2 hours. 6 points. Professor MALTBY, Miss LANGFORD, and Miss BRANT.

31—Mechanics. *C* 3 hours, *L* 2 or 4 hours. 4 or 5 points. Miss LANGFORD.

32—Heat and properties of matter. *C* 3 hours, *L* 2 or 4 hours. 4 or 5 points. Miss BRANT.

35—Electricity. *C* 3 hours, *L* 2 hours. 4 points. Miss LANGFORD.

36—Electricity. *C* 3 hours, *L* 2 hours. 4 points. Miss LANGFORD.

137—History of fundamental theories of physics. *C* 3 hours. 3 points. Professor MALTBY.

138—Theory of electricity. 3 hours. 3 points. Professor MALTBY.

#### SUMMER SESSION

sA1-sA2—Elementary course in general physics. 6 points. Professor FARWELL, Dr. MORSE, Mr. STEMPEL, Mr. PIERCE, and Mr. SZLUPAS.

s6—Elementary mechanics, hydrostatics, and wave motion. 6 points. Dr. WEINRICH.

s33—Intermediate laboratory course in laboratory physics. *a*, 1 point; *b*, 2 points. Dr. SEVERINGHAUS.

s43—Physical laboratory. 3 points. Dr. SEVERINGHAUS and Mr. UNNEWEHR.

s149—Pyrometry and heat measurements. 2 points. Dr. SEVERINGHAUS and Mr. UNNEWEHR.

s151—Advanced laboratory work in optics and electricity. 2 points. Dr. SEVERINGHAUS and Mr. UNNEWEHR.

s218—Theory of modern optical instruments. 3 points. Professor SOUTHALL.

s219—Physiological optics. 3 points. Professor SOUTHALL.

#### EXTENSION TEACHING

eA1-A2—Elementary course in general physics. *C* 3 hours, *L* 2 hours. 8 points. Dr. MORSE, Mr. STEMPEL, Mr. PIERCE, and Mr. TOLMAN.

Optometry A1—General course. Professor SOUTHALL.

Optometry 1-2—Theoretical optics. Professor SOUTHALL and Mr. ROBERTS.

Optometry 3-4—General anatomy with special reference to the anatomy and physiology of the eye. Mr. WOLL.

Optometry 6—Practical optics. Mr. WOLL.

Optometry 8—Theoretical optometry. Mr. WOLL.

Optometry 9-10—Theoretical optics. Professor SOUTHALL.

Optometry 11-12—Physiological optics. Professor SOUTHALL and Mr. ULREY.

Optometry 13-14—Practical optics. Mr. WOLL and Mr. ROBERTS.

Optometry 15-16—Theoretical optometry. Mr. CROSS.

Optometry 17-18—Pathological conditions of the eye. Dr. WELZMILLER.

Optometry 19-20—Practical optometry. Mr. CROSS.

For courses in Physics offered in Teachers College see page 172.

*Equipment.* The laboratories and lecture-rooms of the Department of Physics are in Fayerweather Hall. They are supplied with the usual general equipment of a physical laboratory.

The laboratories used for research work have been named by the Trustees the "Phoenix Physical Laboratories," in memory of Mr. Stephen Whitney Phoenix, who bequeathed to the University an endowment for research in physics and chemistry.

Under the direction of the professor of electro-mechanics, laboratories have been equipped in Philosophy Hall from the Marcellus Hartley fund for research in the subjects of electricity and magnetism. The laboratories afford unusual opportunities for students desiring to specialize in these subjects.

A recent gift from Mr. Edward Dean Adams provides a sum to procure apparatus for the Ernest Kempton Adams Precision Laboratory. As rapidly as the apparatus can be purchased and installed this laboratory is being equipped with instruments of the best design and highest precision for measurements in mechanics, heat, light,

radio-activity, and those branches of electricity not already provided for by the Marcellus Hartley fund.

The physics laboratories at Barnard College occupy the second floor and a part of the basement of Fiske Hall. They are well equipped for quantitative experimental work in the courses offered.

The physics laboratories and lecture-room of Teachers College are especially equipped for illustrating the teaching of physics in secondary and normal schools.

## PHYSIOLOGY

*See introductory paragraphs, page 67*

*Professor:* F. S. LEE (*Executive Officer*).

*Associate Professors:* R. BURTON-OPITZ and F. H. PIKE.

*Assistant Professor:* H. B. WILLIAMS.

*Associates:* E. L. SCOTT, J. S. WHEELWRIGHT, and R. H. CUNNINGHAM.

*Instructors:* W. F. BENDER, O. H. LEBER, and F. W. BISHOP.

*Assistants:* H. C. COOMBS and ROBERT DINEGAR.

105-106—Human physiology. *C* 4 hours, *D* 2 hours, *L* 6 hours. 8 points each session. Professors BURTON-OPITZ and PIKE and Drs. BENDER, COOMBS, CUNNINGHAM, DINEGAR, and LEBER.

108—Physics of X-rays. *L* and *D* 1 hour, eight weeks. 1 point. Professor WILLIAMS (H. B.).

201-202—General physiology. *C* 1 hour, *L* 5 hours. 4 points each session. Professor PIKE and Dr. SCOTT (E.L.).

203-204—Special physiology. *C* 1 hour, *L* 5 hours. 4 points each session. Professors BURTON-OPITZ and PIKE and Dr. SCOTT (E.L.).

205-206—Problems of evolution from the standpoint of physiology. *C* 1 hour, 1½ points each session. Professor PIKE.

208—Principles of electrocardiography. *L* and *D* 1 hour, eight weeks. 1 point. Professor WILLIAMS (H. B.).

251-252—Research in physiology. 1-4 points each session. Under the direction of the professor of physiology. The officers of the department.

## SUMMER SESSION

51 or 51a—Elementary physiology. *C* 5 hours, *L* 4 hours. 2 or 3 points. Professor BURTON-OPITZ.

52—Advanced physiology. *C* 3 hours, *L* 4 hours. 2 points. Professor BURTON-OPITZ.

5103—General physiology. *C* 2 hours. 1 point. Professor BURTON-OPITZ.

5104—Advanced practical physiology. 3 points. *L* 6-10 hours. Professor BURTON-OPITZ.

5105—Mammalian physiology. 3 points. Professor BURTON-OPITZ.

## EXTENSION TEACHING

Oral hygiene 18a—General physiology with reference to the oral cavity. *L* 2 hours, 1½ points. Professor BURTON-OPITZ.

*Equipment.* The main equipment of the Department of Physiology is at the College of Physicians and Surgeons. It comprises three laboratories for teaching purposes, five laboratories for research; several private rooms for the use of the officers of the

department; the Swift Physiological Cabinet, containing a specially endowed and very full collection of apparatus of precision, mainly for research; a library containing complete sets of all of the physiological journals, monographs, and other books, and many reprints of special articles; two dark rooms for optical and photographic work; and an outfit of machines and tools for working in wood and metal. Skilled mechanics give their entire time to the design, manufacture, and repair of apparatus. The laboratories are connected by wires with the Vanderbilt Clinic and the Roosevelt Hospital so that the string galvanometers of the department are available for making electrocardiographic records from patients. In Schermerhorn Hall at Morningside Heights the department has the use of a laboratory equipped for instruction.

## PRACTICAL ARTS

*See introductory paragraphs, page 67*

(For courses in Practical Arts Education, see page 113)

The School of Practical Arts of Teachers College is the Division of Practical Arts of Columbia University. In the section of the Catalogue devoted to Teachers College (see Table of Contents) will be found a list of its officers and a statement of its equipment for instruction and research in practical arts.

## BIOLOGY

- 3—Introduction to biology. 4 points. Miss STACKPOLE and assistant.
- 4—Human biology. 4 points. Miss STACKPOLE and assistant.
- 4x—Biology for sex-education. 1 point. Miss STACKPOLE.
- 51-52—Biological nature-study. 4 points. Professor BROADHURST and Miss STACKPOLE.
- 53—Biology applied to physiology. 4 points. Miss STACKPOLE and Professor BIGELOW.
- 57—Elementary microbiology (including bacteriology). 2 points. Professor BROADHURST and assistant.
- 104—Biology in education and social work. 2 points. Professor BIGELOW and Miss STACKPOLE.
- 153-154—Special problems in applied biology (including bacteriology). 8 points. Professors BIGELOW and BROADHURST.
- 253-254—Advanced bacteriology applied to practical arts. 8 points. Professor BROADHURST.

## SUMMER SESSION

- s57—Applied bacteriology, elementary. 2 points. Professor BROADHURST.
- s104—Social hygiene and sex-education. 2 points. Miss STACKPOLE, Professor BIGELOW, and special lecturers.
- s153—Biology applied to physiology and hygiene for teachers. 2 points. Miss STACKPOLE and Professor BIGELOW.
- s253—Problems of applied biology, including bacteriology. 3 points. Professor BROADHURST.

## GENERAL CHEMISTRY

- 1-2—General chemistry. 8 points. Professor CARPENTER and assistants.
- 3—Elements of chemistry. 4 points. Miss FRANCIS and Miss HONEYWELL.
- 5—Intermediate chemistry. 4 points. Miss FRANCIS and Miss HONEYWELL.



## ORGANIC AND HOUSEHOLD CHEMISTRY

- 25—Food industries. 3 points. Professor VULTÉ and Miss VANDERBILT.  
31—Household and organic chemistry. 4 points. Professor VULTÉ, Miss VANDERBILT, and Mrs. MCGOWAN.  
31A—A modification of chemistry 31. 4 points. Miss FRANCIS.  
31C—(Text.) Textile chemistry. 1 point. Mrs. MCGOWAN.  
41—Organic chemistry. 4 points. Mrs. MCGOWAN.  
121-122—Household chemistry, advanced. 6 points. Professor VULTÉ and Miss VANDERBILT.

## BIOLOGICAL CHEMISTRY

- 51—Physiological chemistry. 4 points. Professor GIES and Dr. HEFT.  
51X—Biochemistry of nutrition in disease. 1 point. Professor GIES.  
127—Methods of biochemical analysis. 4 points. Professor GIES and Dr. HEFT.  
225—Physiological chemistry. 4 points. Professor GIES and Dr. HEFT.  
227-228—Research in biological chemistry. 8 points. Professor GIES and Dr. HEFT.

## SUMMER SESSION

- 51—General chemistry applied to practical arts. 4 points. Professor CARPENTER.  
55—Intermediate chemistry. 4 points. Professor CARPENTER.  
525—Food industries. 3 points. Professor VULTÉ and assistant.  
531—Household chemistry. 4 points. Professor VULTÉ and Mrs. MCGOWAN.  
531C—Textile chemistry. 1 point. Mrs. MCGOWAN and assistant.  
551—Physiological chemistry. 4 points. Professor GIES and Dr. HEFT.  
5121—Household chemistry, advanced. 3 points. Professor VULTÉ.  
5225—Physiological chemistry. 4 points. Professor GIES and Dr. HEFT.

## ECONOMIC SCIENCE

- 1—Principles of economics. 3 points. Professor ANDREWS.  
70—Household economic science. 2 points. Professor ANDREWS.  
81—Household accounts. 2 points. Professor ANDREWS.  
165—The household in economic production. 2 points. Professor ANDREWS.

## SUMMER SESSION

- 579—Household economics, introductory budget course. 2 points. Professor ANDREWS.  
5166—Household budgets. 2 points. Professor ANDREWS.  
5265—Problems of household economic science. 2 points. Professor ANDREWS.

## HYGIENE

- A—Personal hygiene. 2 points. Professor WOOD and others.  
75—Sanitary science. 2 points. Professors WINSLOW and BROADHURST.  
76—Industrial hygiene. 2 points. Professor WINSLOW.  
77—Health administration. 2 points. Dr. BOLDUAN.  
175—Sanitary science, advanced. 2 points. Professor WINSLOW and BROADHURST.  
185-186—Public health investigation. 4 points. Professor WINSLOW.

## PHYSICS

- 1—General course in applied physics. 4 points. Mr. GOOD.  
2—Applied physics. 4 points. Mr. GOOD.  
31—Household physics. 2 points. Mr. GOOD.

## SUMMER SESSION

- sra*—Applied physics. 2 points. Mr. GOOD and Mr. VON HOFÉ.  
*srb*—Laboratory exercises in applied physics. 2 points. Mr. GOOD and Mr. VON HOFÉ.

## SOCIAL SCIENCE

- 87*—Principles of modern social work. 2 points. Miss TOWSLEY.  
*89*—Introduction to social problems. 2 points. Professor CHADDOCK.  
*90*—Basis of social legislation. 2 points. Professor CHADDOCK.  
*110*—Public health and standard of living. 2 points. Professor CHADDOCK.  
*203*—Modern social problems. 2 points. Professor CHADDOCK.

## SUMMER SESSION

- s110*—Public health and standard of living. 3 points. Professor CHADDOCK.

## FINE ARTS

- 1*—Art structure A. 3 points. Professors DOW and CORNELL, Miss TANNAHILL and Miss NORTHRUP.  
*2*—Art structure B. 3 points. Professor CORNELL, Miss TANNAHILL, and Miss NORTHRUP.  
*3*—Freehand drawing. 2 points. Mr. MARTIN.  
*3x*—Blackboard drawing. 1 point. Mr. MARTIN.  
*4*—Freehand drawing, advanced. 2 points. Mr. MARTIN.  
*7-8*—Art photography I. 4 points. Mr. WHITE.  
*11*—Art structure I for house design. 3 points. Professor DOW and Mr. MEEKER.  
*14*—Home furnishing. 3 points. Mrs. ACKERMAN and Mr. MEEKER.  
*21*—Costume design. 3 points. Miss WILMOT and Miss NORTHRUP.  
*22*—Costume design for dressmaking. 3 points. Miss WILMOT.  
*23-24*—Costume design, advanced. 6 points. Miss NORTHRUP.  
*25-26*—Clay modeling and pottery. 4 points. Mr. UPJOHN.  
*31*—Design in the art industries. 3 points. Professor DOW and Mr. THATCHER.  
*37-38*—Art photography II. 4 points. Mr. WHITE.  
*41*—Art structure II for house design. 3 points. Professor DOW and Mr. MEEKER.  
*51-52*—Art structure C. 6 points. Professors DOW and CORNELL.  
*53-54*—Drawing and painting. 4 points. Mr. MARTIN.  
*53a-54a*—Drawing and painting. 2 points. Mr. MARTIN.  
*57-58*—Furniture design. 3 points. Mr. MEEKER and furniture experts.  
*69-70*—Art appreciation. History of art. 4 points. Professor DOW, Miss BLISS, Miss DEMENT, Mr. MARTIN, and others.  
*71-72*—Costume illustration. 6 points. Miss NORTHRUP.  
*75*—Lettering. 3 points. Miss TANNAHILL.  
*80*—Home furnishing. 3 points. Mrs. ACKERMAN and special lecturers.  
*81-82*—Art structure D. 6 points. Professors DOW and CORNELL.  
*83-84*—Painting. 8 points. Professor BEMENT.  
*83a-84a*—Painting. 3 points. Professor BEMENT.  
*91-92*—Costume design and illustration, advanced. 6 points. Miss NORTHRUP.  
*93-94*—Life class for women. 6 points. Professor BEMENT.  
*125-126*—Clay modeling and pottery. 4 points. Mr. UPJOHN.  
*151-152*—Art structure C. 6 points. Professors DOW and CORNELL.  
*169-170*—Art appreciation. 4 points. Professor DOW and others.  
*182*—Art design for school and community festivals. 2 points. Miss NORTHRUP.

- 281-282—Art structure D. 6 points. Professors DOW and CORNELL.  
 283-284—Painting. 8 points. Professor BEMENT.  
 291-292—Costume design, advanced. 6 points. Miss NORTHRUP.

## SUMMER SESSION

- s1—Art structure. 2 or 3 points. Mrs. ATWELL and Miss BOAS.  
 s2—Art structure, advanced. 2 or 3 points. Mrs. ATWELL and Miss BOAS.  
 s11—Household design. 3 points. Mr. MEEKER.  
 s14—Home decoration. 3 points. Mr. MEEKER.  
 s21—Costume design, elementary. 3 points. Miss ALEXANDER.  
 s25—Clay modeling. 2 points. Mr. UPJOHN.  
 s53—Drawing and painting. 2 points. Mr. HUMANN.  
 s54—Drawing and painting. 2 points. Mr. HUMANN.  
 s55—Pottery. 2 points. Mr. UPJOHN.  
 s83—Advanced painting. 3 points. Mr. MARTIN.  
 s251—Art structure for graduate students. 3 points. Mrs. ATWELL.  
 s283—Advanced painting for graduate students. 3 points. Mr. MARTIN.

## FOODS AND COOKERY

- 1—Technology of cookery. 2 points. Professor VAN ARSDALE, Mrs. GUNN, Miss COLMAN, and Miss CONWAY.  
 2—Elements of cookery. 3 points. Miss FRAME and assistant.  
 3—Principles of cookery. 3 points. Miss PEACOCK, Miss STONE, and assistant.  
 4—Applied principles of cookery. 3 points. Miss PEACOCK and Miss FRAME.  
 41—Home cookery and table service. 4 points. Mrs. GUNN, Miss CONWAY, and Miss FRAME.  
 61—Lecture demonstrations in cookery. 3 points. Miss SHAPLEIGH.  
 75—Large quantity cookery. 4 points. Miss LA GANKE.  
 81—Practice in demonstration cookery. 3 points. Miss SHAPLEIGH and Miss BARROWS.  
 85—Catering. 3 points. Miss SHAPLEIGH.  
 90—History of cookery. 2 points. Miss SHAPLEIGH.  
 99—Advanced practice. 2 points. Professor VAN ARSDALE  
 131—Experimental cookery. 4 points. Professor VAN ARSDALE, Miss COLMAN, and Miss CONWAY.  
 133—Cookery for invalids. 2 points. Miss PEACOCK and Miss STONE.  
 220-230—Problems in cookery. 8 points. Professor VAN ARSDALE and others.  
 232—Research in cookery. 4 points. Professor VAN ARSDALE and Miss COLMAN.

## SUMMER SESSION

- s1—Technology of cookery. 2 points. Professor VAN ARSDALE, Miss STONE, and Miss MONROE.  
 s2—Elements of cookery. 3 points. Mrs. GUNN and assistant.  
 s3—Elementary food preparation. 3 points. Miss PEACOCK and assistant.  
 s41—Home cookery and table service. 4 points. Mrs. GUNN and assistant.  
 s45—Food preservation, canning and drying. 3 points. Miss PEACOCK and Miss STONE.  
 s60—Demonstrations in the new cookery for the war and after. 3 points. Miss SHAPLEIGH.  
 s77—School luncheon cookery. 4 points. Miss LAGANKE and Miss DAVIS.

- 581—Demonstration cookery. 2 points. Miss SHAPLEIGH.  
 590—The history of cookery. 1 point. Miss SHAPLEIGH.  
 5131—Experimental cookery. 4 points. Professor VAN ARSDALE and Miss MONROE.  
 5229—Problems in cookery for graduate students. 4 points. Professor VAN ARSDALE and Miss MONROE.  
 5231—Experimental cookery, advanced. 4 points. Professor VAN ARSDALE.

## NUTRITION AND FOOD ECONOMICS

- 1—Elementary food economics. 2 points. Miss SOUTHWORTH, Miss BARTO, and Professor SHERMAN.  
 71—Dietetics. 4 points. Professor ROSE, Miss SOUTHWORTH, and Miss BARTO.  
 210—Dietetics. 4 points. Professor ROSE, Miss SOUTHWORTH, and Miss BARTO.  
 115—Nutrition and food economics. 2 points. Professors SHERMAN and ROSE.  
 117—Laboratory methods in nutrition. 4 points. Professor ROSE and Miss BARTO.  
 215-216—Practicum in nutrition and food economics. 6 points. Professors SHERMAN and ROSE.  
 218—Investigation in nutrition or food economics. 4 points. Professor ROSE or SHERMAN.

## SUMMER SESSION

- 51—Elementary food economics. 2 points. Professor ROSE.  
 571—Dietetics. 4 points. Professor ROSE.  
 5210—Dietetics. 4 points. Professor ROSE.

## TEXTILES AND CLOTHING

- 5—Elementary clothing and handwork. 4 points. Miss WHITE and Miss EVANS.  
 15—Drafting and elementary dress design. 3 points. Miss BALDT.  
 27—Millinery, elementary. 3 points. Mrs. TOBEY.  
 31a—(Text.) Textiles. Lectures. 2 points. Professor FALES.  
 31b—(Text.) Textile economics. 1 point. Professor FALES and Miss BALDT.  
 31c—(Text.) Textile chemistry. 1 point. Mrs. MCGOWAN.  
 33—History of costume. 2 points. Professor FALES.  
 35—Dressmaking, elementary. 4 points. Miss BALDT.  
 45—Dress design. 3 points. Miss WILMOT and Mrs. NELSON.  
 55—Dressmaking, intermediate. 3 points. Miss HALLETT.  
 57—Millinery, advanced. 3 points. Mrs. TOBEY.  
 65—Embroidery. 3 points. Miss WHITE.  
 75—Dressmaking, advanced. 3 points. Miss HALLETT.  
 85—Advanced dress design. 3 points. Miss WILMOT.  
 99—Advanced practice. 2 points. Professor FALES and others.  
 201-202—Problems in textiles and clothing. 6 points. Professor FALES and others.  
 203-204—Problems in dress design. 6 points. Professor FALES and Miss WILMOT.

## SUMMER SESSION

- 55—Elementary clothing and handwork. 4 points. Miss EVANS.  
 515—Drafting and elementary dress design. 3 points. Mrs. NELSON.  
 521—Costume design, elementary. 3 points. Miss ALEXANDER.  
 527—Millinery. 3 points. Mrs. TOBEY.  
 531a—(Text.) Textiles. 2 points. Professor FALES.  
 531c—(Text.) Textile chemistry. 1 point. Mrs. MCGOWAN.



- s35*—Dressmaking, elementary. 3 points. Miss BALDT.  
*s48*—Tailoring. 1 point. Mr. GROSS.  
*s55*—Dressmaking, intermediate. 3 points. Miss HALLETT.  
*s75*—Dressmaking, advanced. 3 points. Miss HALLETT.

## HOUSEHOLD AND INSTITUTIONAL ADMINISTRATION

- A*—Principles of household administration. 1 point. Professor GUNTHER and Miss FISHER.  
*1*—Housewifery and household management. 2 points. Miss BALDERSTON and assistant.  
*5*—Home economics for family visitors. 2 points. Miss WINSLOW.  
*5x*—Field work in family visiting. 1 point. Miss WINSLOW.  
*10*—Practice apartment. 8 points either session.  
*11*—Domestic laundering. 2 points. Miss BALDERSTON and assistant.  
*21*—Marketing. 2 points. Miss LAGANKE.  
*31*—House planning. 2 points. Mr. GITHENS.  
*51*—Institutional housekeeping. 3 points. Miss FISHER and others.  
*65*—Institutional laundering. 2 points. Miss BALDERSTON and assistant.  
*71*—Institution furnishings and supplies. 2 points. Miss SOUTHARD.  
*75*—Institution food departments. 2 points. Miss BAKER.  
*81*—Accounting and office management. 2 points. Miss JOHNSON.  
*181*—Problems in organization and administration. 2 points. Miss JOHNSON.  
*281-282*—Special problems in administration. 4 points. Professor GUNTHER and Miss FISHER.

## SUMMER SESSION

- s1*—Technique of housework. 2 points. Miss WEER.  
*s2*—Household management. 2 points. Miss WEER.  
*s5*—The home problems of the industrial family. 2 points. Miss WINSLOW.  
*s21*—Marketing. 2 points. Miss LAGANKE.  
*s75*—Institution food departments. 2 points. Miss KNIGHT.  
*s91*—Institution organization and administration. 2 points. Miss FISHER.  
*s283* and *s284*—Problems of administration for graduate students. 2 points each course. Miss FISHER.

## INDUSTRIAL DRAWING AND DESIGN

- 3* and *4*—Mechanical drawing. Each 2 points. Mr. PANUSKA.  
*31-32*—Mechanical and freehand perspective drawing. 4 points. Mr. PANUSKA.  
*56*—Machine design. 2 points. Mr. PANUSKA.  
*62*—Advanced mechanical drawing. 2 points. Mr. PANUSKA.

## SHOPWORK

- 1-2*—Hammered metal, silversmithing, and jewelry. 4 points. Mr. THATCHER.  
*4*—Special course for War Service. 2 points. Mr. THATCHER.  
*5-6*—Jewelry. 4 points. Mr. THATCHER.

## SUMMER SESSION

- s1*—(Metalworking.) Jewelry. 3 points. Mr. MARTIN.  
*s3* and *s4*—Elementary mechanical drawing. Each 2 points. Professor WEICK.  
*s55* and *s56*—Machine design. Each 2 points. Professor WEICK.

## MUSIC

- 13-14—Tone thinking and melodie dictation. 4 points. Mr. KRAFT.  
 15-16—Voice: First year. 4 points. Miss DASCHBACH.  
 19-20—Organ. 4 points.  
 21-22—Epochs in the development of music. 4 points. Professor FARNSWORTH and Miss WIETHAN.  
 25-26—Sight singing. 4 points. Mr. KRAFT.  
 27-28—Piano: First year. 4 points. Mrs. COWL.  
 29-30—Organ. 4 points. Mr. LAMOND.  
 31—Sound as related to music. 2 points. Mr. GOOD, Mr. KRAFT, Professors WOOD and WHITLEY.  
 33-34—Introductory harmony. 4 points. Mr. KRAFT.  
 35-36—Voice: Second year. 4 points. Miss DASCHBACH.  
 37-38—Piano: Second year. 4 points. Mrs. COWL.  
 39-40—Violin: First year. 4 points. Mr. STOWELL.  
 42—Musical literature. 2 points. Professor FARNSWORTH and Miss WIETHAN.  
 43-44—Applied harmony. 4 points. Mr. KRAFT.  
 49-50—Violin: Second year. 4 points. Mr. STOWELL.  
 55-56—Voice: Third year. 4 points. Miss DASCHBACH.  
 57-58—Piano: Third year. 4 points. Mrs. COWL.  
 57x—Ensemble playing. 2 points.  
 65-66—Chorus singing and conducting. 4 points. Mr. KRAFT.  
 67-68—Piano: Fourth year. 4 points. Mrs. COWL.  
 67x—Advanced ensemble playing. 2 points. Mrs. COWL.  
 69-70—Violoncello. 4 points. Mr. STOWELL.  
 75-76—Voice: Fourth year. 4 points. Miss DASCHBACH.  
 95-96—Voice. 4 points. Mrs. MEHAN.  
 169-170—Musical art. 4 points. Professor FARNSWORTH.

## SUMMER SESSION

- 515—Voice culture. 2 points. Mr. JOLLIFFE.  
 517—Piano technic and interpretation. 2 points. Miss MACDONALD.  
 525—Sight-singing and melodic dictation. 2 points. Mr. KRAFT.  
 565—School chorus singing and conducting. 2 points. Mr. KRAFT.

## SPEECH

- 1-2—Voice and diction, introductory. 4 points. Professor LATHAM and assistant.  
 3-4—Story-telling and reading, introductory. 4 points. Mrs. HALLOCK.  
 51-52—Reading and speaking, advanced. 4 points. Professor LATHAM.

## SUMMER SESSION

- 51—Voice and diction, introductory. 2 points. Professor LATHAM and assistant.  
 53—Story-telling, introductory. 2 points. Mrs. HALLOCK.

## NURSING AND HEALTH

- 3—Physical care of infants and small children. 2 points. Miss HAWKINSON.  
 5—Home nursing and first aid. 2 points. Miss HAWKINSON.  
 7—Occupations for invalids. 2 points. Miss COLLINS.  
 21-22—History of nursing and contemporary problems. 4 points. Professors NUTTING and STEWART and special lecturers.  
 41—Principles of public health nursing. 2 points. Miss HUDSON.

- 42—Fields of public health nursing. 2 points. Miss HUDSON.  
 44—Medical inspection and school nursing. 2 points. Dr. BAKER.  
 45—Control of communicable disease. 2 points. Dr. SOMERSET.  
 62—Mental hygiene with special reference to childhood. 1 point. Dr. LAMBERT.  
 82—Supervision in hospitals and training schools. 2 points. Miss DOTY.  
 83—Principles of hospital administration. 3 points. Miss DOTY.  
 86—Practical problems in hospital housekeeping. 1 point. Miss DOTY.  
 105—Health problems for religious and social workers. 2 points. Dr. KENYON and Professor STEWART.  
 121-122—History of nursing. 4 points. Professors NUTTING and STEWART.  
 144—Nursing in relation to municipal health work. 2 points. Dr. BAKER.

## SUMMER SESSION

- s3—Physical care of infants and small children. 2 points. Dr. KENYON.  
 s5—Home nursing and emergencies. 2 points. Miss HUDSON.  
 s41—Public health nursing. 2 points. Miss HUDSON and special lecturers.  
 s82—Supervision in hospitals and training schools. 2 points. Miss DOTY.  
 s88—Principles of modern social work. 2 points. Miss LEAL.

## PHYSICAL EDUCATION

- A and B—Physical training for women. Each 2 points. Miss YUNCK and assistants.  
 1-2—Elementary practice for women. 2 points. Miss GLUCKSMANN.  
 3-4—Advanced practice for women. 2 points. Miss YUNCK.  
 5-6—Applied anatomy. 4 points. Miss DREW.  
 9-10—Junior practice and methods. 8 points. Miss COLBY, Miss FROST, Miss MARCH, and Mr. HOLM.  
 11-12—Practice for men. 6 points.  
 54—Games, folk dancing, and corrective gymnastics. 2 points. Miss FROST and Miss DREW.  
 55-56—Applied physiology. 4 points. Dr. BURTON-OPITZ.  
 57-58—Normal diagnosis and anthropometry. 4 points. Dr. KEYES.  
 59-60—Advanced practice. 8 points. Miss COLBY, Miss MARCH, Miss FROST, Miss YUNCK and Mr. HOLM.  
 61-62—Advanced practice for men. 6 points.  
 65-66—Kinesiology and corrective gymnastics. 4 points. Miss DREW.  
 154—Recreation work in social centers. 2 points. Miss COLBY and Miss FROST.  
 177-178—The dramatic game. 4 points. Miss COLBY.

## SUMMER SESSION

- s1—Hygienic gymnastics. 1 point. Miss HOSFORD.  
 s5—Applied anatomy of the muscular and nervous systems. 2 points. Dr. MORRISON.  
 s9—Calisthenics and gymnastics. 2 points. Mr. FETTE.  
 10a—Gymnastics for women. 1 point. Miss MARCH.  
 s10b—Calisthenic and gymnastic drills. 1 point. Mr. MASON.  
 s11—Folk and national dances, elementary. 1 point. Miss FROST.  
 s12—Folk and national dances, intermediate. 1 point. Miss FROST.  
 s13—Folk and national dances, advanced. 1 point. Miss WESTON.  
 s14a—Swimming for women. 1 point. Mr. HOLM.  
 s14b—Swimming for men. 1 point. Mr. PETERSON.  
 s15—Gymnastic marching. 1 point. Mr. MASON.  
 s16a—Athletics (track and field events). 1 point. Mr. WARDLAW.  
 s16b—Athletics for women (practice of games). 1 point. Mr. WARDLAW.

- s16c—Athletics for women (coaching of games). 1 point. Mr. WARDLAW.  
 s17—Observation and practice in the demonstration playgrounds. 1 point. Miss HOSFORD and Miss RANKIN.  
 s56—Physiology of exercise. 2 points. Mr. FETTE.  
 s58—Normal diagnosis. 2 points. Miss MARCH.  
 s60c—The coaching of baseball. 1 point. Mr. WARDLAW.  
 s60d—The coaching of basketball. 1 point. Mr. WARDLAW.  
 s63—Dances suitable for boys. 1 point. Miss FROST.  
 s65—Kinesiology. 2 points. Mr. MASON.  
 s66—Corrective exercises. 2 points. Miss LARSON.  
 s71—Advanced dancing. 2 points. Miss COLBY.  
 s72—Playground games. Games of skill. 2 points. Miss HOSFORD.  
 s77—The dramatic game. 1 point. Miss COLBY.  
 s107—Plays, games, and drama for young children. 2 points. Mrs. McLEAN.  
 s110—Experimental playground. 2 points. Miss RANKIN.  
 s172—Personal hygiene. 2 points. Professor WILLIAMS.  
 s239A—The dramatic arts in education. 2 points. Mrs. McLEAN.  
 sZ—Social dancing for men and women. No credit. Miss WESTON.

## PRACTICE OF MEDICINE

*See introductory paragraphs, page 67*

*Professor:* W. T. LONGCOPE (*Executive Officer*).

*Professor of Clinical Medicine:* N. E. BRILL, W. K. DRAPER, E. M. EVANS, A. W. HOLLIS, F. HUBER, J. KAUFMANN, S. W. LAMBERT, E. LIBMAN, G. R. LOCKWOOD, F. W. JACKSON, J. A. MILLER, V. H. NORRIE, J. S. THACHER, and S. WACHSMANN.

*Associate Professors:* WALTER W. PALMER and W. R. WILLIAMS.

*Assistant Professors of Clinical Medicine:* W. A. BASTEDO, T. S. HART, G. A. TUTTLE, K. M. VOGEL, G. L. LAPORTE, H. S. PATTERSON, L. S. FRISSELL, R. G. SNYDER, C. N. B. CAMAC, B. S. OPPENHEIM, and D. BOVAIRD, JR.

*Associates:* H. S. CARTER, H. R. GEYELIN, A. M. STRONG, F. M. CLASS, H. E. HALE, JR., M. SCHULMAN, and A. R. LAMB.

*Lecturers:* O. H. ROGERS and F. M. CRANDALL.

*Instructors:* D. S. D. JESSUP, O. HENSEL, O. M. SCHWERDTFEGER, L. H. SHEARER, I. O. WOODRUFF, W. P. ANDERTON, E. R. P. JANVRIN, D. W. ATCHLEY, H. J. WIENER, L. KESSEL, P. H. ADAMS, E. C. BRENNER, Z. SAGAL, A. FREEMAN, C. E. CARR, G. M. GOODWIN, A. GRANET, E. W. WHITE, H. L. WEIL, A. M. STRONG, F. W. BISHOP, and L. H. FERGUSON.

*Assistants:* W. B. BOYD, E. LEWIS, M. W. GOLDSTEIN, H. R. MILLER, D. FELBERBAUM, D. M. BROWN, E. EPSTEIN, and J. A. CLARKE, JR.

102—Lectures and clinics in physical diagnosis. (Vanderbilt Clinic and Presbyterian Hospital.) 1½ hours. Dr. STRONG.

104—Methods of physical examination. (Vanderbilt Clinic.) 2 hours. Drs. GEYELIN, STRONG, ATCHLEY, and WHITE.

106—Clinical pathology: systematic instruction in the various chemical, microscopical, and bacteriological methods of diagnosis. 4 hours. 2 points. Professor VOGEL and Drs. ATCHLEY and JESSUP.

201-202—Clinical lecture on general medicine. (Presbyterian Hospital.) 1½ hours. Professor PALMER and associates.

205-206—Clinical lecture on general medicine. (Roosevelt Hospital.) 1½ hours. Professor EVANS.

207-208—Lectures in general medicine. 2 hours. Professor PALMER and associates.



209-210—Physical and medical diagnosis. (Vanderbilt Clinic, Presbyterian, Bellevue, and Montefiori Hospitals.) 4 hours. Drs. CARTER, GEYELIN, GRANET, SHEARER, WOODRUFF, WIENER, ANDERTON, CARR, ADAMS, WEIL, ZAGAL, GOLDSTEIN, MILLER, and FELBERBAUM.

213-214—Clinical and pathological conference. (Presbyterian Hospital.) 2 hours.

215-216—Clinical clerkships in medicine. 6 mornings and 4 afternoons in the wards of one of the following hospitals:

Presbyterian Hospital: Professors HART, PALMER, and TUTTLE, and Drs. CARTER, GEYELIN, STRONG, and ATCHLEY.

St. Luke's Hospital: Professors S. W. LAMBERT, HOLLIS, PATTERSON, and VOGEL, and Dr. GOODWIN.

Bellevue Hospital: Professors W. K. DRAPER and NORRIE.

219-220—Principles of pharmacology and therapeutics. 1 hour. Professors WILLIAMS, PATTERSON, and BASTEDO.

221—Conferences on applied therapeutics. 1 hour. Professor S. W. LAMBERT.

222—Recitations on principles of pharmacology and therapeutics. 2 hours. Spring Session, third year. Professor BASTEDO.

225-226—Clinical instruction in therapeutics. (Vanderbilt Clinic.) 11 hours, one-fourth of year. Professor S. W. LAMBERT and Drs. HALE, SCHULMAN, and CLASS.

227—Lectures bearing upon the practical work of examining for life insurance. 3 lectures. Dr. ROGERS.

217-218—Advanced work in clinical diagnosis: practical instruction in quantitative urinalysis and chemical blood analysis. 4 hours. One-fourth of year. Professor VOGEL.

241-242—Chemical physiology and its clinical application. (Presbyterian Hospital.) One-half year. Professor PALMER.

251-252—Research in medicine. Research in the laboratory of clinical pathology, in the clinical laboratories of the Presbyterian Hospital, or in the chemical laboratory of St. Luke's Hospital, under the direction of the professor or the associate professor of the practice of medicine or the assistant professor of clinical pathology.

#### SUMMER SESSION

3106—Clinical pathology. Professor VOGEL.

*Equipment.* The equipment of the department of the practice of medicine comprises the following: The laboratory of clinical pathology, on the fourth floor of the north building of the College, is completely equipped for the routine instruction of students, and clinical research by physical, chemical, hematological, bacteriological, and serological methods. Undergraduate instruction is carried on in the laboratory on the fifth floor of the north building of the College. The laboratory of the Vanderbilt Clinic is equipped for the routine investigation of the patients and instruction of students in clinical pathology. Facilities for chemical, bacteriological, and serological investigations are provided in the clinical laboratories of the Presbyterian Hospital under the charge of the professor and associate professor of the practice of medicine, and in the chemical laboratory of St. Luke's Hospital under the charge of the assistant professor of clinical pathology.

The Edward G. Janeway Memorial Library of about 3,709 bound volumes and 3,300 pamphlets, situated in the Presbyterian Hospital, contains complete sets of all the important medical journals, both American and foreign, and many important monographs and reference works. It is open throughout the day to the staff and students of the department.

PSYCHOLOGY (See page 151)

PUBLIC LAW AND JURISPRUDENCE (See page 133)

## RELIGION

*See introductory paragraphs, page 67*

1-2—Introduction to the study of the Bible. 3 hours (Columbia). 2 hours (Barnard). Chaplain KNOX. (Columbia and Barnard.)

3-4—Fundamentals of religion. 2 hours. Professor JACKSON. (Columbia College.)

There are also a number of courses offered in conjunction with the Union and General Theological Seminaries.

## SUMMER SESSION

51—Introduction to the study of the Bible. 2 points. Professor ROGERS.

History 5100—The ancient Orient. 3 points. Professor ROGERS.

History 5102—The Hebrews. II. 3 points. Professor ROGERS.

5107—Philosophy of religion. 3 points. Professor HUME.

5108—History of religion. 3 points. Professor HUME.

5109—Comparative study of religions. 3 points. Professor HUME.

RHETORIC AND ENGLISH COMPOSITION (See page 117)

## ROMANCE LANGUAGES AND LITERATURES

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* F. BALDENSBERGER, F. DE ONÍS, H. A. TODD, and R. WEEKS.

*Associate Professors:* J. L. GERIG, L. A. LOISEAUX, and A. G. SPIERS.

*Assistant Professors:* ANNA W. BALLARD, D. BIGONGIARI, E. J. FORTIER,† and H. F. MULLER.

*Instructors:* L. H. ALEXANDER, L. IMBERT, A. LEDUC, G. T. WILKINSON, H. E. MANTZ, LUCY GREGORY, P. DE BACOURT, and HELENE J. HARVITT.

*Lecturers:* B. PRENEZ, C. EVANGELINE FARNHAM, E. AGRAMONTE, and T. CLARK.

## FRENCH

A1-A2—Elementary course. 3 hours. 6 points. Dr. ALEXANDER, Miss PRENEZ, and Miss GREGORY (Barnard).

O1-O2—Oral course. 3 hours. 6 points. Miss LEDUC (Barnard).

1A-2A—Grammar, reading, and composition. 3 hours. 6 points. Dr. ALEXANDER, Miss PRENEZ, and Miss GREGORY (Barnard).

BO1-BO2—Oral drill. 2 hours. 2 points. Mr. WILKINSON and Dr. PERRIER (Columbia).

B4-B5—Grammar, reading, and composition. 3 hours. 6 points. Professor SPIERS (Columbia).

b93-b94—Speaking and writing French. 4 hours. 8 points. Mr. DE BACOURT (Business).

J3-J4—Advanced course in reading of French newspapers. 3 hours. 6 points. Mr. DE BACOURT (Journalism).

3-4—Masterpieces of modern French literature. 3 hours. 6 points. Professors SPIERS (2 sections), FORTIER (Columbia), Drs. ALEXANDER (2 sections) and LEDUC, and Miss PRENEZ (Barnard).

5-6—French literature in the seventeenth century. 3 hours. 6 points. Professor LOISEAUX (Barnard).

7-8—Modern French writers. 3 hours. 6 points. Miss PRENEZ (Barnard).

† Deceased.

9-10—Advanced French composition. 3 hours. 6 points. Dr. LEDUC (Barnard).  
19-20—History of French civilization. 2 hours. 4 points. Professor LOISEAUX (Barnard).

101-102—Introduction to Romance philology. 2 hours. 6 points. Professor TODD.  
105-106—History of French literature from beginning to 1900. 3 hours. 6 points. Professor FORTIER.

107-108—Old French literature prior to the fifteenth century. 3 hours. 6 points. Professor WEEKS.

109-110—French literature in the fifteenth and sixteenth centuries. 3 hours. 6 points. Professor GERIG.

111-112—The classic age of French literature. 3 hours. 6 points. Professor SPIERS.

113-114—French literature in the eighteenth century. 3 hours. 6 points. Professor LOISEAUX.

121-122—French civilization and literature. II (1848-1870); De l'optimisme humanitaire au positivisme. 1 hour. 4 points. Professor BALDENSPERGER.

221-222—Explications de Textes. 1 hour. 4 points. Professor BALDENSPERGER.

301-302—Research in Romance philology. 1½ hours. 6 points. Professor TODD.

321-322—Travaux d'histoire littéraire. 1 hour. 4 points. Professor BALDENSPERGER.

#### ITALIAN

1-2—Elementary course. 3 hours. 6 points. Professor GERIG (Barnard).

#### SPANISH

695-96—Speaking and writing Spanish. 4 hours. 8 points. Mr. AGRAMONTE (Business).

1-2—Elementary course. 3 hours. 6 points. Dr. LEDUC, Miss GREGORY, and Miss FARNHAM (Barnard.)

3-4—Grammar, reading, composition. 3 hours. 6 points. Professor LOISEAUX (Barnard).

101-102—Historia de la novela española. 2 hours. 6 points. Professor DE ONÍS.

201-202—Introducción a la filología española. 1 hour. 4 points. Professor DE ONÍS.

301-302—Trabajos de investigación. 2 hours. 6 points. Professor DE ONÍS.  
Mr. DE BACOURT (2 sections), Dr. CLARK, Mr. WILKINSON, and Mr. FERARU (2 sections) (Columbia).

#### PHONETICS

101—General phonetics. 2 hours. 3 points. Professor WEEKS.

#### STUDENTS' ARMY TRAINING CORPS

War French 1A—6 hours. Professors WEEKS, HAMLIN, GERIG, and FORTIER, Mr. DE BACOURT (2 sections), Dr. CLARK, Mr. WILKINSON, and Mr. FERARU (2 sections) (Columbia).

War French 1B—6 hours. Professor TODD (2 sections), Mr. WILKINSON, Dr. PERRIER, and Mr. CONTRERAS (Columbia).

#### SUMMER SESSION

##### FRENCH

esA1—Elementary course. 2 points. Mr. FERARU.

sA1—Elementary course. 2 points. Professor DE PIERPONT, Miss PRENEZ, Mr. FERARU, Mme. ROBERT, and Dr. PERRIER.

## 172 ROMANCE LANGUAGES AND LITERATURES

*sA2*—Elementary reading and oral practice. 2 points. Mr. DE BACOURT and Miss PRENEZ.

*sA3*—Supplementary course. 2 points. Professor DE PIERPONT and Mr. WILKINSON.

*sB1*—Intermediate first course. 2 points. Dr. MANTZ, Mr. OLINGER, and Mme. ROBERT.

*sB01*—Oral drill. 2 points. Professor DE PIERPONT.

*sM1*—Elementary military French. 2 points. Professors FORTIER, GERIG, and DE PIERPONT.

*sB2*—Intermediate second course. 2 points. Dr. MANTZ and Professor DONDO.

*s3*—Practical course and introduction to the study of French literature. I. 2 points. Dr. HARVITT.

*s4*—Practical course and introduction to the study of French literature. II. 2 points. Professor DONDO.

*s6*—French literature in the seventeenth century. Second course. 2 points. Professor SPIERS.

*s10*—Advanced composition and practice in speaking French. Second course. 2 points. Dr. LEDUC and Mr. DE BACOURT.

*s20*—History of French civilization. Second course. 2 points. Professor LOISEAUX.

*sC*—French conversation, composition, and oral practice. 6 points. Professor FORTIER and Mr. OLINGER.

*s114*—French literature in the sixteenth century. 3 points. Professor GERIG.

*s115*—French literature in the first half of the seventeenth century. 3 points. Professor SPIERS.

*s117*—French literature in the first half of the eighteenth century. 3 points. Professor LOISEAUX.

*s119*—French literature in the first half of the nineteenth century. 3 points. Professor BABCOCK.

*s120*—French literature in the second half of the nineteenth century. 3 points. Professor BABCOCK.

*s126*—French drama. 3 points. Professor WARREN.

### ITALIAN

*s1*—Elementary: first course. 2 points. Mr. BIGONGIARI.

*s3*—Advanced course. 2 points. Professor GAUSS.

*s101*—Introduction to Italian literature. 3 points. Professor GAUSS.

### SPANISH

*es1*—Elementary: first course. 2 points. Mr. AGRAMONTE.

*esX1*—Spanish conversation, reading, and oral practice. 2 points. Mr. AGRAMONTE.

*s1*—Elementary: first course. 2 points. Professor PATTERSON, Drs. HARVITT, LEDUC, and PERRIER.

*s2*—Elementary: second course. 2 points. Mr. HAYDEN and Mr. WILKINSON.

*s3*—Advanced course: first half. 2 points. Mr. HAYDEN and Professor PATTERSON.

*s4*—Advanced course: second half. 2 points. Professor DE ONÍS.

*sC*—Spanish conversation, composition, and oral practice. 6 points. Mr. AGRAMONTE.

*s101*—Carácteres del espíritu español a través de su literatura. 3 points. Professor DE ONÍS.

### ROMANCE PHILOLOGY

*s101*—Introduction to Romance philology. 3 points. Professor GERIG.



EXTENSION TEACHING

GRADUATE COURSE

*eA1-A2*—Elementary course. 8 points. Dr. ALEXANDER, Mr. FERARU, Dr. LE-DUC, Dr. PERRIER, and Mr. WILKINSON. (Also in Brooklyn, Newark, Jersey City, and Paterson.)

*eA3-A4*—Elementary course. I. 4 points. Dr. SWANN.

*eA5-A6*—Elementary course. II. 4 points. Dr. SWANN.

*eA8*—Elementary course. 4 points. Second half-year. Dr. MANTZ, Mr. DE LA ROCHELLE, and Dr. SWANN.

*eA9*—Elementary course. 4 points. First half-year. Dr. MANTZ, Mr. DE LA ROCHELLE, and Dr. SWANN.

*eA11-A12*—Shorter elementary course. 6 points. Dr. ALEXANDER, Professor SPIERS, and Mr. FERARU.

*eB1-B2*—Intermediate course. 8 points. Mr. OLINGER, Mr. FERARU, and Miss PRENEZ. (Also in Newark.)

*eB3-B4*—Intermediate course: grammar, reading, and composition. 4 points. Dr. MANTZ.

*eB8-B9*—Intermediate course. 8 points. Dr. CLARK and Mr. DE LA ROCHELLE.

*eM1-2*—Elementary military French. 6 points. Professors GERIG and FORTIER, Dr. CLARK, and Mr. DE LA ROCHELLE.

*e3-4*—Practical course and introduction to the study of French literature. 6 points. Professor FORTIER.

*e9-10*—Advanced composition and practice in speaking French. 6 points. Professor FORTIER and Mr. OLINGER.

*e15-16*—Contemporary French writers, 1885-1918. 4 points. Professor SPIERS.

*e17-18*—History of French drama. 6 points. Professor LOISEAUX.

*e119-120*—French literature in the nineteenth century. 6 points. Dr. MANTZ.

ITALIAN

*e1-2*—Elementary course. 6 points. Mr. BIGONGIARI.

*e3-4*—Advanced course. 6 points. Mr. BIGONGIARI.

PORTUGUESE

*e1-2*—Elementary course. 6 points. Mr. BRUCE.

*e3-4*—Advanced course. 6 points. Mr. BRUCE.

SPANISH

*e1-2*—Elementary course. 6 points. Messrs. AGRAMONTE, HARRISON, TORRES, WILKINS, Dr. CLARK and Dr. VAETH. (Also in Brooklyn.)

*e3-4*—Advanced course. 6 points. Professor GERIG, Messrs. MERCADO, and WILKINS.

*e5-6*—Practical course and introduction to Spanish literature. 6 points. Messrs. IMBERT and DAVALOS.

*e8-9*—Elementary course. 6 points. Mr. WILKINS and Dr. CLARK.

*e11-12*—Elementary course. 4 points. Mr. WILKINS.

*e13-14*—Advanced course. 4 points. Mr. WILKINS.

*e15-16*—Advanced composition and Spanish conversational practice. 6 points. Mr. AGRAMONTE.

## COURSES IN SPOKEN LANGUAGES

## FRENCH

*cX1-cX2*—Elementary course in colloquial French. Mr. PUEL and Dr. MARIQUE. (This course is given in cooperation with the Museum of French Art.)

*cX3-cX4*—Intermediate course in colloquial French. Mr. OLINGER.

*cX5-cX6*—Advanced conversation based on nineteenth-century French literature. Mr. OLINGER.

*cY1-cY2*—Intermediate course in colloquial French. Mr. PUEL and Dr. MARIQUE. (This course is given in cooperation with the Museum of French Art.)

## ITALIAN

*cX1-cX2*—Elementary oral drill and sight reading. Mr. BIGONGIARI.

*cX3-cX4*—Advanced course in colloquial Italian. Mr. BIGONGIARI.

## SPANISH

*cX1-cX2*—Colloquial and written Spanish. Dr. VAETH.

*cX1a-cX2a*—Elementary course in colloquial and written Spanish. Dr. VAETH.

*cX1b-cX2b*—Advanced course in colloquial and written Spanish. Dr. VAETH.

*cX3-cX4*—Conversation. Mr. AGRAMONTE.

*cX5-cX6*—Advanced conversation. Mr. AGRAMONTE.

## PORTUGUESE

*cX2*—Elementary Portuguese. Mr. BRUCE.

## RUMANIAN

*cX1-cX2*—Elementary Rumanian. Mr. VEXLER.

## IRISH

*cX1-cX2*—Elementary grammar, reading, and speaking. Mr. O'BYRNE.

*cX1a-cX2a*—Advanced course. Easy prose readings from modern authors. Mr. O'BYRNE.

*Equipment.* The library of Columbia University is well supplied with French, Spanish, and Italian works, as well as with works upon Romance philology. Its list of periodicals is especially rich. The Library has also complete sets of the most important series and collections in the field of the Romance languages and literatures.

The library of the Romance Department, in Philosophy Hall, contains books of reference. A special privilege enjoyed by the Department is that of using the library of the Hispanic Society of America at Broadway and 156th Street.

*Maison Française.* The Maison Française at 411 West 117th Street, contains a collection of French books and periodicals and of documents containing information concerning education and educational institutions in France. It also serves as the residence of the visiting French Professor during his stay in New York, and as headquarters for intercourse with French universities.

*Romance Club.* The Romance Club consists of the instructors and graduate students in the department. At its meetings an account is given of the most important articles in recent periodicals, new books are discussed, and original papers are read.

*French Societies.* Two societies have been organized for the purpose of fostering the use of the French language among the members of the University, *viz.*, the Société Française de l'Université Columbia, and the Société Française de Barnard College.

*Italian Societies.* The Circolo Italiano is an organization consisting of both graduate and undergraduate male students. The Italian Society of Barnard is composed of students of Barnard College.

*Prizes.* The Speranza Prize in Italian is open to students of Barnard College.

*Publications.* Two publications are issued by members of the Department: The *Romanic Review*, founded in 1910, a quarterly review devoted to Romance literature and philology, and the *Bulletin de la Maison Française*, devoted to the work of the Maison Française.

SEMITICS (See page 145)

SOCIAL ECONOMY (See page 92)

SOCIOLOGY AND STATISTICS (See page 92)

## SURGERY

*See introductory paragraphs, page 67*

*Acting Professor:* A. V. S. LAMBERT (*Executive Officer*).

*Professors of Clinical:* WILLIAM DARRACH, C. N. DOWD, E. ELIOT, JR., L. W. HOTCHKISS, F. KAMMERER, H. H. M. LYLE, W. MARTIN, A. V. MOSCHCOWITZ, H. PECK, E. H. POOL, and J. B. WALKER.

*Assistant Professors:* W. C. CLARKE, W. A. DOWNES, and F. S. MATHEWS.

*Associates in Clinical:* F. HAWKES, H. AUCHINCLOSS, K. CONNELL, A. O. WHIPPLE, J. A. CORSCADEN, and H. M. IMBODEN.

*Instructors:* K. DWIGHT, S. R. BURNAP, N. W. GREEN, J. A. MCCREERY, J. E. MCWHORTER, E. G. RAMSDALL, J. C. VAUGHAN, F. C. YEOMANS, J. A. VIETOR, E. A. DUPIN, P. J. FLAGG, J. M. HANFORD, K. J. LOEWI, F. T. VAN BEUREN, D. GORDON, F. W. BANCROFT, R. COLP, W. B. PARSONS, JR., L. BUERGER, H. G. BUGBEE, H. D. COLLINS, R. DERBY, H. FISCHER, R. S. HOOKER, C. A. MCWILLIAMS, J. I. RUSSELL, F. B. ST. JOHN, D. STETTEN, A. P. STOUT, A. S. VOSBURGH, G. A. CALUCCI, W. H. HAWKINS, W. C. WHITE, R. V. GRACE, W. F. CUNNINGHAM, D. S. CONLEY, F. TAYLOR, S. ERDMAN, P. A. DINEEN, M. K. SMITH, D. MORRIS, E. T. RULISON, JR., W. S. SCHLEY, JR., and F. E. MONTGOMERY.

*Assistants:* G. M. PHELPS, C. P. THOMAS, W. C. WOOLSEY, F. W. GRAVELLE, E. M. HAWKES, W. S. S. HORTON, L. NEUWELT, and A. F. HERRMANN.

*Clinical Assistants:* A. C. BURNHAM, ROSALIE L. MORTON, and C. J. HARBECK.

*Dental Surgeon:* H. S. DUNNING and M. I. SHAMBERG, Attending Surgeon.

*Clinical Assistants (Department of Dental Surgery):* D. B. PARKER and J. S. SHIELDS.

103-104—Recitations, demonstrations, and clinic in surgical pathology. 5½ hours. DR. CLARKE.

201-202—Surgical pathology and general regional surgery. 3 hours. Professors LAMBERT and MARTIN and Drs. AUCHINCLOSS, WHIPPLE, and CORSCADEN.

203-204—Clinic in general surgery (Vanderbilt Clinic). 2 hours. Professor LAMBERT and Dr. WHIPPLE.

205-206—Recitations in general and regional surgery. 2 hours. Drs. GORDON and HANFORD.

207 or 208—Minor surgery and bandaging. 4 hours. Drs. LOEWI and MORRIS.

209-210—Clinical clerkships in surgery. 6 mornings and 4 afternoons.

Presbyterian Hospital: Professor LAMBERT and Drs. WHIPPLE, AUCHINCLOSS, CORSCADEN, RULISON, and HANFORD.

Bellevue Hospital: Drs. HOOKER, ST. JOHN, MCCREARY, NEWHOF, DUPIN, VAUGHAN, and CARLUCCI.

New York Hospital: Professor POOL, Drs. BANCROFT, ERDMAN and VIETOR.

213-214—Practical instruction in surgical pathology. 2 hours. Professor CLARKE and assistants.

219-220—Operative surgery on the cadaver. 6 hours. Dr. SCHLEY.

221-222—Practical instruction in surgical technic. 4 hours. Professor CLARKE and assistants.

223-224—Principles of surgery. 2 hours. Professor CLARKE and assistants.

## ZOOLOGY

*See introductory paragraphs, page 67*

For Transition courses (V2, etc.) given in January, 1919, see p. 193

*Professors:* M. A. BIGELOW, G. N. CALKINS, H. E. CRAMPTON, B. DEAN, T. H. MORGAN, H. F. OSBORN, and E. B. WILSON (*Executive Officer*).

*Associate Professor:* J. H. MCGREGOR.

*Assistant Professors:* W. K. GREGORY, L. H. GREGORY, and J. BROADHURST.

*Instructors:* F. DE L. LOWTHER and H. J. MULLER.

*Assistants:* S. C. DELLINGER, A. F. HUETTNER, J. FERNANDEZ-NONIDEZ, F. SCHRADER, and C. L. CAMP.

*Lecturer:* E. H. BENNETT.

1-2—Elementary biology and zoology. C 2 hours, L 4 hours. 8 points. Professors CALKINS, MCGREGOR, Dr. MULLER, Messrs. DELLINGER, HUETTNER, NONIDEZ, and SCHRADER (Columbia); Professors CRAMPTON and L. H. GREGORY, Mrs. LOWTHER, Mrs. BENNETT, and Miss VAIL (Barnard).

3—Elementary histology. C 1 hour, L 2 hours. 2 points. Mrs. LOWTHER (Barnard).

4—Elementary embryology. C 1 hour, L 2 hours. 2 points. Professor CRAMPTON and Mrs. LOWTHER (Barnard).

53-54—Practical zoology and embryology. L 4 hours. 4 points. Mrs. LOWTHER (Barnard).

93—Embryology of vertebrates. C 1 hour, L 2 hours. 2 points. Professor MCGREGOR.

95-96—Comparative morphology of vertebrates. C 1 hour, L 4 hours. 6 points. Professor MCGREGOR.

101-102—General zoology. C 3 hours, L 6 hours, and assigned work. 10 points. Professors CRAMPTON and L. H. GREGORY (Barnard).

103—Comparative embryology of vertebrates. C 1 hour, L 2 hours, and assigned work. 3 points. Professor MCGREGOR.

151-152—General physiology (Barnard). C 2 hours, L 4 hours. 8 points. Professor L. H. GREGORY.

214—Instincts. C 1 hour, L 5 hours. 4 points. Professor MORGAN.

215-216—Genetics. 12 points. Professor MORGAN.

221-222—Protozoology. C 1 hour, L 5 hours. 10 points. Professor CALKINS.

223-224—Evolution of the vertebrates. 8 points. Professors W. K. GREGORY.

225-226—Cellular biology—General structure and functions of the cell. 6 or 12 points. Professor WILSON.

227-228—Special research.

230—Experimental protozoology. C 1 hour, L 6-10 hours. 4 points. Professor CALKINS.

## STUDENTS' ARMY TRAINING CORPS

1A—Elementary biology and zoology. C 3 hours, L 4 hours. 8 points. Professors CALKINS, MCGREGOR, Dr. MULLER, Messrs. DELLINGER, HUETTNER, NONIDEZ, and SCHRADER.



War Hygiene 1A—C 3 hours. Professors BORING, MCGREGOR, MORGAN, and WILSON, Dr. MULLER, Messrs. DELLINGER, HUETTNER, and STRONG.

#### COURSES UNDER THE GEORGE CROCKER SPECIAL RESEARCH FUND

202—General biology of tumors. 4 points. Professor WOGLOM.

205-206—Research in problems of growth pathology with especial reference to tumors. 4 to 12 points each session. Credit to be assigned in individual cases at the time of registration. Professors WOOD and WOGLOM and Drs. PRIME and BULLOCK.

209 or 210—Morphology and classification of tumors including pathological technique. Prerequisite, mammalian histology. 4 points. Professor WOOD.

#### SUMMER SESSION

51—Elementary biology and zoology. 4 points. Professor MCGREGOR.

5121—Protozoology. 5 points. Professor CALKINS.

#### EXTENSION

e1a-2a—Elementary biology and zoology. 4 points. Professor MCGREGOR and Dr. MULLER.

e1-2—(Brooklyn). General biology and zoology. C 2 hours, L 4 hours. 8 points. Professor CALKINS, Messrs. AGERSBERG, PERKINS, and STRONG.

e3—(Brooklyn). General embryology. C 3 hours, 3 points. (Alternates with e7.) Mr. PERKINS.

e4—(Brooklyn). Advanced biology. C 3 hours. 3 points. (Alternates with e8.) Professor CALKINS.

e5-6—(Brooklyn). Vertebrate comparative morphology. 3 points each session. Messrs. PERKINS and AGERSBERG.

e7—(Brooklyn.). Histological technique. 3 points. (Alternates with e3.)

e8—(Brooklyn). Human parasitology. 3 points. (Alternates with e4.) 3 points. Professor CALKINS.

*Journal Club.* Reports and discussions of recent literature by members of the staff, graduate students, and others. One hour a week throughout the year. Under direction of the staff.

*Lectures.* Courses of lectures on general topics are given from time to time by members of the staff and eminent specialists from other institutions. These lectures form the basis of the Columbia Biological Series.

*Equipment.* The zoological laboratories on the upper floor of Schermerhorn Hall comprise graduate and undergraduate laboratories, suitably equipped with optical instruments, microtomes, and other apparatus; and rooms for special research, supplies, aquaria, and preparation. There is also a lecture room, a library, and an extended teaching collection comprising specimens, anatomical, embryological, and cytological preparations, charts, and wax models. The departmental library embraces sets of the standard biological works and includes the journals and a rapidly increasing collection of special monographs. A fund is available for the purchase of literature needed in connection with the special researches of students.

Important adjuncts to zoological work are offered by the American Museum of Natural History, the Bronx Zoological Garden, the New York Aquarium, and by the marine biological laboratories to which the University contributes support. Several investigators' tables are held at the Wood's Hole Laboratory, and the John D. Jones scholarship is available at the Cold Spring Harbor Laboratory.

## UNDERGRADUATE ENTRANCE REQUIREMENTS

*University Committee on Admission.* Professor JONES, Director of University Admissions; Professor STEEVES and MAYER; Deans WOODBRIDGE, STONE, LAMBERT, GILDERSLEEVE, and RUSBY; Directors, EGBERT, MONROE, and BIGELOW, and Mr. BACH.

*General Statement.* The Director of University Admissions administers the entrance requirements for all departments of the University. No formal entrance tests are prescribed for graduates who elect to study under the Faculties of Political Science, Philosophy, or Pure Science, or to enter a professional school of the University which demands previous college residence as a basis for entrance; namely, Law, Medicine, Mines, Engineering, Chemistry, Architecture, Education, Business, and beginning with 1918, Journalism (for the degree of B.Lit.). Candidates for admission to these schools should present their credentials from the college of previous residence. Entrance tests are prescribed for admission to all other departments of the University. Admission to the first year course in Columbia College, Barnard College, and the College of Pharmacy (University course for B.S. in Phar.), presupposes the passing of written examinations; the candidate's school record is also taken into account; but a satisfactory showing in examinations and in school preparation are not in themselves sufficient to guarantee admission, which depends also upon the candidate's character, personality, and promise of future usefulness. The School of Practical Arts may be entered either by examination or, in approved cases, by school certificate.

*Applications for Admission.* Applications for admission should be filed not later than July 1 of the year when the candidate plans to enter.

*Examinations and Records.* The University issues annually a pamphlet entitled *Bulletin on Entrance Examinations and Admissions*. This pamphlet gives detailed information upon the following matters:

The time schemes for the examinations of the College Entrance Examination Board and of Columbia University.

The dates for filing of applications. (Given also in academic calendar at end of this volume.)

Method of obtaining, filling out, and filing application blanks and school records.

Fees for examinations and method of payment.

The award and duration of credits toward admission as a result of examinations, and information as to the conditions under which examinations may be divided among two or more series.

The specific conditions of admission to each school requiring entrance examinations.

The official statements of the requirements in each subject (including information as to the preparation and presentation of note-books in subjects requiring such records).

This pamphlet may be had without charge upon application to the Secretary of Columbia University. Any person who intends to take examinations himself or to prepare others for them should obtain a copy of it and familiarize himself with its contents. *The information which follows here is merely a brief summary of that given fully and officially in the Bulletin.*

The minimum age for admission to the Freshman Class in Columbia College or Barnard College is 15; in Journalism, 17; in other schools, 18; with a corresponding increase in the case of advanced standing. For students entering from secondary

schools, an estimate of character and personality, and a certificate of health must be presented, and in the case of students from other colleges an honorable dismissal.

Students may enter Barnard or Columbia College either in February or in September.

1. A new alternative method of admission to Columbia College will be put into operation in 1919. For information, see special circular or Bulletin of Entrance Examinations and Admission for 1919-1920.

There are two methods of admission:

1. The old plan whereby a student must pass examinations in fifteen entrance units covering the requirements for admission.

2. The new or alternative plan—On this plan a candidate whose school record has been approved may receive permission to satisfy the examination requirements by comprehensive examinations in not less than four subjects approved by the committee on admission. The comprehensive examinations in questions must be those prepared by the College Entrance Examination Board.

Each candidate is required to take examinations in every subject offered for admission. In passing upon the result of these examinations the detailed school record of the candidate is taken into account and given great weight.

The examination requirements for admission under the old plan may be satisfied by any one of the three following means, or by any approved combination thereof; the examination grades are interpreted in the light of the record which the student has made in school. The record for each subject must be filed with the Director of Admissions.

1. By the examinations of the College Entrance Examination Board in 1919, beginning on June 16, held at Columbia University and at about 150 other educational centers in the United States and Europe.

2. By the examinations conducted at Columbia University by the Committee on Admissions. These examinations are held in September and January of each year (beginning on September 15, 1919, and January 15, 1920).

3. By the examinations of the New York State Examination Board in so far as their subject matter specifically corresponds to the stated requirements of the several undergraduate schools. These examinations are held in January and June at more than 600 high schools and other institutions in the State, but are ordinarily open only to students in those schools. A grade of seventy per cent. will ordinarily be required in these examinations.

*Credits.* A candidate may present himself at any of the series of examinations scheduled above, but at not more than four in all, and the results may be credited toward entrance, subject to the following restrictions:

The results of an examination may stand to the candidate's credit twenty-nine months, but no longer. The reports of candidate's examinations and the School's statement of preparation must be in the hands of the Director of Admissions one week prior to the opening of the term in September or January.

*Subjects for Examination.* Columbia University recognizes the following examination subjects which may be offered for admission to one or more of the colleges and schools included in the University, each subject counting for a specific number of units as indicated in parentheses. The unit here represents the number of years at the rate of five periods per week, which will normally be required in the secondary school to prepare adequately for the college examination.

The following abridged statements give the general scope of the requirements in each subject. It should be noted that in several cases an examination subject outlined below will not be accepted toward admission to every school of the University. A candidate or teacher should compare the list carefully with the statements of the requirements of the school in which he is particularly interested.

**Definitions.** (Specimens of the question papers set by Columbia University are on file in the University Library or may be obtained from the Director of University Admissions upon application. The question papers set by the College Entrance Examination Board are published annually in book form by Ginn & Company, New York.)

**Arithmetic, Modern Commercial and Higher** (1 unit). (May be counted for admission to the College of Pharmacy and the School of Practical Arts only.)

Review of the principles of arithmetic applied to the solution of modern commercial and industrial problems. Emphasis should be given to the principles of modern banking, domestic and foreign exchange, etc. Special emphasis should be given to the application of these topics to practical problems.

**Biology** (1 unit). (May be counted for admission to the School of Practical Arts only.)

The course should include elementary work in botany, zoology, and physiology.

**Biology, Advanced.** (See Zoology.)

**Botany** (1 unit). (1) Structure and life history of 16 or more types of representative families of plants, 10 of them seed plants. (2) Elementary plant physiology. (3) Elementary natural history (ecology of plants). Requiring one year of laboratory and class-room instruction, for the course. Teacher's certificate of laboratory work to be submitted.

**Chemistry** (1 unit). Preparation and properties of the common elements and their important compounds.

Mastery of the more usual chemical terms and ability to make simple calculations and explanations of chemical processes. Preparation should include lectures and demonstrations, study of standard elementary text-books, and 40 or more laboratory exercises. Teacher's certificate of laboratory work to be submitted.

**Drawing** (1 unit). *Freehand.* The ability to sketch freehand with reasonable accuracy—(a) From dictation: Simple geometrical figures; (b) From the object: A vase, household utensil, or other familiar object; (c) From the copy: Enlarging or reducing simple pieces of machinery or architectural or decorative detail. (At least 20 freehand drawings must be submitted.)  
*Or Mechanical.* 1. Knowledge of the use of the T-square, triangles, and other drawing instruments, and skill and correct habits in their use.

2. Knowledge of geometric constructions commonly needed in drafting, with accuracy and speed in their use.

3. Orthographic projection and isometric projection.

4. Working drawings of simple objects, with special reference to:

(a) Conventional methods of representing sections.

(b) Proper methods of showing dimensions.

(c) Some standard form of single stroke freehand lettering, such as Reinhardt's. Letters should be of a uniform slope, height, and thickness of stroke, well proportioned, well spaced, and well finished.

(d) Proper method of putting on the drawing explanatory notes for materials, methods of construction, finish, etc.

**English** (3 units). Examinations in (1) grammar and composition, and (2) literature. The examination in English literature will be based upon: (a) Books for reading, a list of which appears in the current *Announcement of Entrance in 1917, 1918, and 1919 Examinations and Admissions*, and (b) Books for study, arranged in four groups, from each of which one selection is to be made.

#### GROUP I—DRAMA

Shakspere: *Julius Caesar* or *Macbeth* or *Hamlet*.

#### GROUP II—POETRY

Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*.

Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*.

The selections from Wordsworth, Keats, and Shelley, in *Book IV* of *Palgrave's Golden Treasury* (First Series).

#### GROUP III—ORATORY

Burke: *Speech on Conciliation with America*,

Macaulay's *Two Speeches on Copyright*, and Lincoln's *Speech at Cooper Union*.

Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.



## GROUP IV—ESSAYS

Carlyle: *Essay on Burns*, with a selection from Burns' *Poems*.

Macaulay: *Life of Johnson*.

Emerson: *Essay on Manners*.

Those not familiar with the details of the new requirements for admission in English should consult the *Announcement of the Committee on Admissions*.

*English, Advanced.* (1 unit). Candidates must have covered substantially the same ground as that included under English A1-A2 (see page 124). (1) English composition, and certain works prescribed for reading rhetoric. The examination will test the candidate's grasp of expository, argumentative, descriptive, and narrative methods and will call for specific comment and comparison on points of style. Essays of certain specified types must also be submitted.

*The English Bible.* The requirements are based on the recommendations of the Committee of Fifteen, composed of biblical instructors in American colleges and secondary schools. They are as follows: (a) The epic narrative of the Old Testament; a knowledge of the chief characters and incidents presented in Genesis, Exodus, Numbers, Joshua, Judges, Ruth, 1st and 2nd Samuel, 1st and 2nd Kings, and Daniel. (b) The memorizing of some of the more notable passages of Biblical prose and poetry. (c) Hebrew history from the Egyptian period to the destruction of the Jewish commonwealth in 70 A. D.; development of the life and institutions of the Hebrew people with some consideration of their contributions to human culture. (d) Early Christian biography, the life of Jesus and his early followers; the parables of Jesus; the life of Paul. (e) Introductions to the English Bible; how the Bible and its separate books came to be, and how they have come down to the present time.

*French, Elementary* (2 units). Accurate pronunciation and the ability to read at sight easy prose and to put into French simple English sentences. The rudiments of the grammar involving all but the rare irregular verb forms and the simpler uses of conditional and subjunctive. The preparation should include, beside the mastery of a good elementary text-book, the reading of 300-600 pages of easy French. Beginning with 1917 an aural test will be included in the examination in this subject.

*French, Intermediate* (1 unit). Additional reading, 400-600 pages, including dramatic works. Grammar completed. Further drill in composition. Beginning with 1917 an aural test will be included in the examination in this subject.

*French, Advanced* (1 unit). Additional reading of from 600 to 1,000 pages of standard French, classical and modern; the writing of numerous short themes in French, and the study of syntax. *Geography, Industrial and Commercial* (Counting 1 unit). (*May be offered for entrance to the School of Practical Arts only.*)

One-third of this course should be devoted to the elements of physical geography, and commercial geography should be studied around countries as units. A note-book showing that map and atlas study has been carried on in connection with the text study must be submitted.

See also *Physiography*.

*German, Elementary* (2 units). Accurate pronunciation and the ability to read easy dialogue and narrative prose, and a working knowledge of grammar and composition adequate for the putting into German of simple English sentences based upon a familiar vocabulary. The preparation should include, besides the mastery of a good elementary text-book, the reading of 150-200 pages of easy German. Beginning with 1917 an aural test will be included in the entrance examination in this subject.

*German, Intermediate* (1 unit). Additional reading, 400 pages of moderately difficult prose and poetry. Further drill in grammar and composition, with special reference to syntax. Beginning with 1917 an aural test will be included in the entrance examination in this subject.

*German, Advanced* (1 unit). Additional reading of about 500 pages of good literature in prose and poetry, reference reading upon the lives and works of the great writers studied, the writing of numerous short themes in German upon assigned subjects, independent translation of English into German.

*Greek, Elementary* (3 units). (a) i and ii—Attic grammar and elementary composition, based on *Anabasis I-II*. (b) *Anabasis I-IV*. (c) *Iliad I-III* (except II, 494-end) with tests covering construction, poetic forms, and prosody. (f) Translation into Greek of simple, continuous English prose. (g) Translation into English at sight of continuous Greek prose.

*Greek, Advanced* (1 unit). Candidates must have covered substantially the same ground as that included under Greek 3-4; at least 1,200 additional lines in Homer, Herodotus, Book vi, and Plato's *Apology*. Also at least 15 exercises in Spieker's *Greek Prose Composition*.

*History, Elementary* (Each of the four divisions, *a*, *b*, *c*, and *d* counts 1 unit. Candidates for admission to the Schools of Journalism and Practical Arts may offer one or more of the divisions without restriction. All other candidates may offer any one or any two of the divisions without restriction.) (*a*) Ancient, beginning with brief study of Oriental peoples and coming down to the death of Charlemagne, with reference to art, literature, and government. (*b*) From 800 on, including the growth of the State system. (*c*) English history, including social and political developments. (*d*) American history with the elements of civil government.

Each field may best be covered by an accurate text-book of 300 pages, plus, say, 300 pages of selected supplementary reading.

*History, Advanced* (1 unit). The work performed must have been of the same kind, amount, and quality as that required for History A1-A2 (see page 136). Supplementary reading emphasizing the significance of historical phenomena. The candidate must present at least 5,000 words of notes on each historical field offered, and show practice in making historic parallels, in preparing digests of outside reading, and in the use of historical maps.

*History, Industrial* (1 unit). (*May be offered for entrance to the School of Practical Arts only.*)

Industrial History with special reference to the modern period and to the influence of the numerous factors of industrialism on the social, economic, and political aspects of life. (*a*) Ancient history, including a brief introductory of the Oriental peoples, and early medieval history to the death of Charlemagne, with due reference to art, literature, and government. (*b*) Medieval and modern history, from the death of Charlemagne to the present time, with due reference to the growth of the state system; or modern European history, from the beginning of the sixteenth century to the present. (*c*) English history, with due reference to social and political development, or modern England, from the beginning of the sixteenth century, and the British Empire, including the history of the American colonies. (*d*) American history, with the elements of civil government, or United States history, since the Revolution, and American government.

*Household Arts* (1, 2, or 3 units). (*May be offered for entrance to the School of Practical Arts only.*)

(*a*) Textiles and Sewing. Nature of common materials, their manufacture and use, principles underlying the construction of simple garments by hand or by machine. Laboratory instruction of not less than 360 hours. Note-books to be submitted.

(*b*) Foods and Cookery. Nature of food materials, principles underlying their preparation, and the principles involved in the cooking apparatus. Laboratory instruction of not less than 360 hours. Note-books to be submitted.

Advanced (either division counting 1 unit).

*Italian, Elementary* (2 units). The requirements correspond to those in Elementary French (see page 195). Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

*Latin, Elementary* (4 units), *i. e.*, Latin 4, *Cicero* and sight translation of prose; Latin 5, *Virgil* and sight translation of poetry; and Latin 6, advanced prose composition; or 3 units; *i. e.*, Latin 3, with either Latin 4 or Latin 5; or 2 units, *i. e.*, Latin 3.

*Latin, Advanced* (1 unit). Candidates must have covered substantially the same ground as that included under Latin A1-A2 (see page 93). Horace, *Odes*, Books I and III, with incidental prosody, and 400 lines of Catullus's shorter poems; Livy, Book XXI, Chapters 1-45 inclusive, Book XXII, Chapters 2-7 and 43-56 inclusive; Terence's *Phormio*. Specified exercises from Gildersleeve's and Lodge's *Prose Composition*.

*Mathematics, Elementary* (3 units). (*a*) Elementary algebra, including—i, the four fundamental operations for rational expressions, and such topics as lowest common multiple, ratio and proportion, linear equations, radicals, fractional and negative exponents; ii, quadratic equations, arithmetic and geometric progressions, the binomial theorem for positive integral exponents, the use of graphical methods. (*c*) Plane geometry—original exercises, loci, mensuration of lines and plane surfaces.

*Mathematics, Advanced* ( $\frac{1}{2}$  to  $1\frac{1}{2}$  units). (*b*) Advanced algebra ( $\frac{1}{2}$  unit): Permutations and combinations, complex numbers, determinants, numerical equations of higher degree, theory of equations, graphical methods, Descartes' rule of signs, and Horner's method. (*d*) Solid

geometry ( $\frac{1}{2}$  unit): Original exercises, loci problems, mensuration of surfaces and solids.  
 (e) Trigonometry ( $\frac{1}{2}$  unit): The principal formulas, simple equations and triangles, theory and use of logarithms (without infinite series).

*Music* (1 unit). (a) Musical appreciation (not involving ability to perform nor to read from printed music). (1) The principal musical forms and their historical development; (2) the lives and environment of Bach, Mozart, Beethoven, Schubert, and Chopin, and five other composers; (3) familiarity with certain designated compositions. (b) Harmony (1 unit). The elements of simple harmonization.

*Physics* (1 unit). The most important facts and laws in elementary physics. Preparation should include the mastery of a standard text-book supplemented by numerical problems, instruction by lecture with demonstrations and individual laboratory exercises—say mechanics, 15; sound, 3; heat, 5; light, 6; electricity, 8. Note-book to be submitted.

*Physiography*<sup>1</sup> (1 unit). Preparation includes modern text-books and at least forty individual laboratory and field exercises—say earth as a globe, 5; ocean, 5; atmosphere, 12; land, 18.

*Physiology* ( $\frac{1}{2}$  unit). (*May be offered for entrance to the School of Practical Arts only.*)

Not less than 90 hours of text-book, demonstration, and laboratory exercises covering each of the main topics in Physiology.

*Shopwork* (1 unit). Involving in each subject 180 laboratory hours' examination, both written and practical, on the use and structure of tools, nature of shop processes, methods of construction, and properties of materials. Authenticated models may be presented as evidence of technical skill.

The candidate may offer either (a) Woodwork—i, joinery; ii, turning and pattern-making, or (b) forging, or (c) machine-work.

*Spanish, Elementary* (2 units). The requirements correspond to those in elementary French (see page 195). Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

*Spanish, Intermediate* (1 unit). Similar in character and difficulty to intermediate French.

*Zoology* (1 unit). (a) Laboratory and field study, supplemented by text-book and further reading.

(1) General natural history of common American animal types. (2) Classification of animals into phyla and leading classes. (3) Structure of typical animals. (4) Physiology of the types studied and comparison of life processes of animals and plants. (5 and 6) (in a very elementary way) Reproduction, embryology, and (optional) elements of cytology. (7) Biological (optional) history. (b) Identical in subject matter with Biology as described by the College Entrance Examinations Board. The examination in biology consists of three groups of five questions each, and the student must choose at least two questions from each group. Group 1 will consist of five questions on the structure of plants and animals; Group 2 will consist of five questions on physiology, life history, and classification; Group 3 will consist of five questions on applications of biology to human welfare.

*Admission to Advanced and Special Standing.* (*See Faculty Statements, page 185, et seq.*)

## ENTRANCE REQUIREMENTS OF THE SEVERAL UNDERGRADUATE SCHOOLS

*Columbia College.* A.B., 15 units. *Prescribed*, 10 or 12 units—English (3); elementary mathematics (3); either elementary Latin (4) or Greek (3), or in lieu of Latin or Greek, elementary French (2) or elementary German (2), 2 units from physics (1), chemistry (1), history (1), and 2 units from intermediate French, intermediate German, Latin 4, Latin 5, advanced English, Greek, history, Latin, mathematics. *Elective*, to make up a total of 15 units—of which not more than 4 units from elementary French (2), elementary German (2), Italian (2), Spanish (2); nor more than 3 units from botany (1), chemistry (1), physics (1), physiography (1), shopwork (1), zoology (1); any of the following not already included, except that to offer an advanced subject involves offering at the same time or earlier the corresponding elementary subject:

<sup>1</sup> This is identical with the subject called Geography by the College Entrance Examination Board.

the English Bible (1), elementary Greek (3), elementary history (2) or (1), drawing, free-hand or mechanical (1), music (1), intermediate French (1), intermediate German (1), intermediate Spanish (1), advanced English (1), advanced French, advanced German, advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics ( $\frac{1}{2}$ –1 $\frac{1}{2}$ ).

*Candidates for the three-year course in Columbia College leading to the School of Mines, Engineering, and Chemistry must include solid geometry, plane trigonometry, and intermediate French or Intermediate German.*

*Barnard College.* A.B., 15 units. *Prescribed* 11 units: English (3), elementary mathematics (3), foreign languages (5), of which at least 3 must be in one language. *Elective* (4), as given under *Elective* for Columbia College, omitting shopwork, mechanical drawing, and the English Bible.

*College of Pharmacy.* B.S. in Pharmacy, 15 units. *Prescribed*, 6 units—English (3), elementary mathematics (3). To offer an advanced subject involves offering either at the same time or earlier the corresponding elementary subject. English (3), elementary French (2), elementary German (2), elementary Greek (3), elementary history (2) or (1), elementary Latin (4) or (2), elementary mathematics (3), music (1), (2), (3), or (4), physics (1), intermediate French (1), intermediate German (1), advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics (1), botany (1), chemistry (1), drawing (1), physiography (1), shopwork (1), Spanish (2), zoology (1), Hebrew (2), bookkeeping (1) or (2).

*School of Practical Arts.* B.S. in Practical Arts, 15 units. *Prescribed*, 7 units—English (3); 2 units from algebra (1) or (2), plane geometry (1), modern commercial and higher arithmetic (1), biology (1), botany (1), chemistry (1), industrial and commercial geography (1), physics (1), physiology ( $\frac{1}{2}$ ), physiography (1), zoology (1); 2 units from elementary French (2), German (2), Greek (2) or (3), Latin (2) or (3), Italian (2), Spanish (2), elementary history ( $\frac{1}{2}$ ), (1), (2), (3), or (4), industrial history (1), intermediate French (1), intermediate German (1),—advanced English (1), advanced French (1), advanced German (1), Greek (1), history (1), Latin (1), mathematics ( $\frac{1}{2}$ ), (1), or (1 $\frac{1}{2}$ ). *Electives*, 8 units—in addition to further choices from the foregoing, and not more than 4 units in all from the following may be elected: drawing (1), household arts (1), (2), or (3), music (1), shopwork (1), (2), or (3).



# COLUMBIA COLLEGE

## FACULTY

President BUTLER.

Dean HAWKES.

*Term expires 1919*—Professors CHANDLER, DAVIS, ERSKINE, FORTIER,<sup>1</sup> HAWKES, HAYES, HEUSER, JONES, KENDRICK, Chaplain KNOX, MASON, F. G. MOORE, SICELOFF, STEEVES, WENDELL, WOODBRIDGE, WOODWORTH, YOUNG.

*Term expires 1920*—Professors AGGER, FARWELL, KEYSER, MCCREA, MCGREGOR, MAYER, MEYLAN, MITCHELL (H. B.), SAIT, SCHULZE, SCHUYLER, SELIGMAN, SHOTWELL, SMITH (ALEXANDER), SPIERS, TASSIN, ZANETTI.

*Term expires 1921*—Professors BERKEY, BIGONGIARI, CALKINS, COSS, CURTIS, EGBERT, ELLIOTT, FANSLER, FITE, GROVE, GUERNSEY (*Secretary*), HERVEY,<sup>1</sup> JACOBY, LORD, MCCASTLINE, NEISH, NELSON, ODELL, PERRY, THOMAS (CALVIN).

## COMMITTEES

*On Instruction*—The Dean (*Chairman*), Professors LORD and DAVIS.

*On Scholarships*—The Dean (*Chairman*), Professors NEISH, MEYLAN, and STEEVES. Delegates to the University Council (see page 6).

## ENTRANCE

(For the details of admission to the Freshman Class see page 178)

*Advanced Standing.* A candidate for admission to advanced standing upon basis of work done at another college should obtain and file not later than September 1 or January 1 of the session in which he desires to enter, the appropriate application blank, with a transcript of his academic record, and a marked catalogue of the institution that he leaves.

Appropriate credits up to a maximum of 18 points of the 124 required may be made by Freshmen who offer more than the prescribed number of units at entrance.

*Special Courses.* Students of serious purposes who are in a position to fulfil the requirements for admission to the Freshman class or who have had a valuable educative experience in practical life, may be admitted as non-matriculated students to pursue courses without reference to any degree. For details see the current *Announcement of Columbia College*.

REGISTRATION AND FEES (See page 58)

SCHOLARSHIP (See page 281)

*Program of Studies.* The period within which the requirements for the degree of A.B. may be satisfied varies with the capability and industry of the individual student. In most cases four years are spent in making the required number of points; students of ability and industry frequently complete the course in less time, especially if advantage be taken of courses in the Summer Session, or additional credit be gained by high standing; no student may spend more than six years as a candidate for a degree.

*General Regulations.* For students matriculating after July 1, 1916, the degree of A.B. only will be conferred; for information as to the requirements for students having

<sup>1</sup> Deceased.

matriculated at an earlier date consult the *Catalogue* for 1915-1916. The requirement for graduation is 124 points, the term 'point' signifying the satisfactory completion of work requiring attendance each half-year of one hour weekly in lectures, recitation, or honors conference, or a correspondingly longer period in laboratory or drafting-room.

Admission to courses depends strictly upon completion with the grade of C or better of the stated prerequisites.

A student in good standing is permitted upon completion of 94 points to elect two approved graduate courses which his previous training will enable him to pursue with profit.

To be recommended for a degree, a student must have made at least 84 points in actual college residence, and of these at least 24 in Columbia College. (Supplementary details are given in the current *Announcement of Columbia College*.)

In the administration of the College regulations, it is the policy of the Committee on Instruction and of the Dean to be guided in the treatment of individual cases largely by the recommendation of the adviser, and by the general attitude of the student in question toward the College, *i. e.*, whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfilment of his obligations, earnestness in his endeavor to profit by his college opportunities, both direct and indirect, and by consideration of others.

With the recent rapid growth of the College, the Committee has been compelled, in the interest of sound teaching, to limit the attendance upon certain courses which cannot be broken up into sections. Admission to such courses is based in part upon priority of application and in part upon the operation of the policy described in the preceding paragraph.

*For Honors Candidacy.* Any student free from entrance conditions may elect to study for a degree with honors and pursue a curriculum involving less prescribed work but more independent reading and more thorough study in chosen subjects than are required of the general candidates for a degree.

The choice between the honors curriculum and the general curriculum is ordinarily to be made not later than April 15 of the Freshman year. The candidate chooses two subjects in which he will offer honors work and in consultation with the officers in charge of the subjects he has chosen plans his courses so as to meet the honors requirements.

The granting of honors is dependent upon the completion with high standing of honors courses in each of the chosen subjects, these courses being designed to guide the candidate's supplementary reading, and upon a final general examination covering the entire field of his honors work.

For candidates for a degree with honors the following courses only are prescribed: English A, History A, Mathematics A, Philosophy A, Physical Education, and the satisfaction of the foreign language tests (see below).

If at the end of any term examination a student fails in any course in his honor subjects to attain a grade of A or B, he is rejected as a candidate for honors and given appropriate credit toward an ordinary degree.

Upon the satisfactory completion of an honor sequence and the corresponding honors courses and upon the recommendation of the officer in charge, the candidate is given a general examination. This examination, partly written and partly oral, covers the class-room work of the three years and tests the thoroughness of the assigned supplementary reading.

A grade of A in both subjects entitles the candidate to receive a degree with highest honors. A combination of A and B entitles him to a degree 'with high honors', and uniform grades of B to a degree 'with honors'. For further details see the current *Announcement of Columbia College*.

*For Degree without Honors.* Unless the equivalents have been offered for admission, the following courses are prescribed for students who are candidates for a degree, but not for honors:

A. English *A* and *B*; History *A*; Mathematics *A*; Philosophy *A*; Physical Education, Laboratory Science, except for students offering Physics and Chemistry for entrance, and in addition:

- B. 1. One year of College work in Latin or in Greek beyond the entrance requirement, and in addition French *B* or German *B*, or  
 2. One year of College work in French or German beyond course *B*, or beyond the intermediate or advanced entrance requirement, or  
 3. Completion of the stated entrance requirements for the Schools of Medicine, and in addition:

These prescriptions amount to a total of from 26 to 55 of the 124 points required for the degree, depending upon the student's offering at entrance and his college program.

Prior to graduation the student must have completed the equivalent of three years of sequential study, in courses aggregating at least 18 points beyond the elementary requirement for admission, in each of two departments.

*Professional Options.* Upon receiving the number of points specified below in Columbia College, a student may take studies in the first year of any one of the following professional schools of the University, provided he can satisfy the stated requirements for admission thereto, and may receive a Bachelor's degree from the professional school of his choice upon the satisfactory completion of two years' work in that school:

College of Physicians and Surgeons, 72 points

School of Business, 64 points

School of Journalism, 64 points

#### COMBINED COURSES

Upon receiving 94 points, 64<sup>1</sup> of which must be for work in Columbia College, including all of the work prescribed for the degree in Columbia College, a student may take studies in the first year of any one of the following professional schools of the University, provided he can satisfy the stated requirements for admission thereto, and will receive the degree of Bachelor of Arts from Columbia College upon the satisfactory completion of the year's work:

School of Law

College of Physicians and Surgeons

Schools of Mines, Engineering, and Chemistry

School of Architecture

School of Journalism

School of Business

No course may be counted toward a professional degree and at the same time be included among those which go to make up the 94 points referred to above.

Students who entered Columbia College before July 1, 1917, should consult the *Announcement of Columbia College* and that of the professional school of their choice for the year 1917-1918 in regard to professional options which are open to them.

Students may also, under suitable circumstances, offer toward the Bachelor's degree courses given at the Union Theological Seminary or the General Theological Seminary; or if they are within 12 points of receiving the Bachelor's degree, they may take certain graduate courses in addition to their undergraduate programs.

<sup>1</sup> In exceptional cases, students of high scholarship who have completed two years of college work elsewhere may satisfy the residence requirement by the completion of 34 points, not including Summer Session or Extension Teaching.

*Miscellaneous.* All students admitted with conditions are assigned for advice to the Committee on Admissions until such time as their entrance deficiencies be removed. All candidates for honors are assigned for advice to a representative of the department in which they first elect honor work. Special advisers are designated for students looking forward to law, medicine, engineering, and business, respectively. All other students are assigned to the Dean of the College, or to such officer of instruction or administration as he may designate.

The student's performance in a course is reported according to the following grades: A, excellent; B, good; C, fair; D, poor; F, failure.

A student who receives a mark of F in any prescribed course must repeat that course. In any session not more than one course marked D, may be counted toward a degree. Students receiving D may for the purpose of satisfying the requirements as to prerequisites improve this grade by re-examination, but without change in point credit.

The mark A in any two courses completed in any session (no course being counted twice) entitles a student who has not fallen below the mark B to one point of extra credit.

Matriculated students whose record as to entrance conditions and the completion of prescribed courses is satisfactory to the Committee on Instruction, are classified as follows:

*Freshmen*, those who have less than 26 points

*Sophomores*, those who have completed 26 points

*Juniors*, those who have completed 58 points

*Seniors*, those who have completed 88 points

The following additional matters are dealt with in the current *Announcement of Columbia College*, which may be had upon application to the Secretary of the University:

Description of Hamilton and Hartley Halls. Advice as to choice of studies. Regulations governing absences. Statement of courses which may be taken by College students with their prerequisites. Personal relations of students. Probational standing. System of examinations. Records and reports. Schemes of attendance and recommended programs for students having particular ends in view.



# STUDENTS' ARMY TRAINING CORPS

## ADMINISTRATIVE BOARD

President BUTLER  
Dean HAWKES, *Chairman*  
Dean WOODBRIDGE  
Dean PEGRAM  
Secretary FACKENTHAL  
<sup>1</sup>Colonel FINLEY

Major EARNSHAW  
Admiral TAUSSIG  
Mr. LAWRENCE  
Mr. HENRY  
Mr. GOETZE

## MILITARY STAFF

Lt. JOSEPH W. AHERN  
\*Lt. FELIX L. ALCUS  
Lt. WORLEY P. ALBAUGH  
Lt. SILAS ALBERT  
Lt. ELLWOOD L. BARRETT  
Lt. ALFRED J. BARSANTI  
Lt. WILLIAM A. BELL  
Lt. GILBERT A. BENSON  
Capt. EDGAR R. BONSALE  
Lt. ISAAC V. BRADLEY, JR.  
‡Lt. EARLE L. BROWN  
Lt. ARTHUR E. BURKE  
Lt. JAMES B. BURN  
‡Lt. HALL B. CARPENTER  
†Lt. HORACE M. CASSELS, JR.  
Lt. CHARLES S. CAVETT  
Lt. CHARLES M. CLARK  
Lt. SYDNEY L. COHAN  
Lt. FRANK H. COLE  
Lt. HENRY C. CONVER  
Lt. FRANK W. CRAIG  
Lt. FRANK H. CRASSWELLER  
\*Lt. TIMOTHY F. DALEY  
Lt. LAMBERT DORFLINGER  
Lt. JOHN E. DOUGHERTY  
Lt. CLARENCE W. DUNHAM  
\*Lt. ELMER H. FRENCH  
Lt. JACOB A. GARDY  
Lt. CARL L. GREGORY  
Lt. WILLIAM GRONWOLDT  
Capt. GEORGE W. HANCE

\*Lt. JACOB M. HEPPS  
Capt. CARL G. HOLMQUIST  
Lt. HARRY S. HOOD  
Lt. SAM HOUSTON  
Lt. BENJAMIN S. HUBBELL  
Lt. JAMES H. HUXFORD  
Lt. CHILTON H. JACOBS  
Lt. ISRAEL S. KAPLAN  
\*Lt. JOEL F. KINNEY  
Lt. RALPH A. KOHN  
Lt. EMERY C. KOLB  
Lt. VICTOR O. KUBES  
Lt. KARL G. LAYER  
Lt. HARRY V. LEE  
Capt. BENEDICT H. LEERBURGER  
\*Lt. GROVER C. LOUD  
Lt. JAMES T. LOWRY  
Lt. WILLIAM H. McLAUGHLIN  
Lt. CHARLES MACVEAGH, JR.  
Lt. LEON J. MANNING  
Lt. RUSSELL E. MASON  
Lt. ARTHUR A. MENDONSA  
Lt. FRANCIS P. MOATS, JR.  
Capt. WILLIAM F. MODERHAK  
Lt. AUGUSTUS R. MORROW  
Lt. EDWARD F. O'BRIEN  
Lt. BURT G. PHILLIPS  
Lt. ALBERT E. POVAH  
Lt. JOSEPH T. REYNOLDS  
Lt. HENRY D. ROBB  
Lt. FRANCIS A. ROGERS

<sup>1</sup> Transferred to Manhattan College, October, 1919.

\* Transferred before completion of first quarter to University of Pennsylvania.

‡ Transferred before completion of first quarter to Dartmouth College.

† Transferred before completion of first quarter to Governors Island.

Lt. EDGAR H. ROWE, JR.  
 Lt. WILLIAM L. SAVAGE  
 Lt. HAROLD T. SEARS  
 Lt. WILLIAM R. SHERWOOD  
 Lt. WILLIAM C. SHERTZ  
 Lt. WILLIAM T. SKINNER  
 Lt. JOHN T. SLOSS  
 Lt. WESLEY G. SPENCER  
 Lt. TOLBERT L. STALLINGS  
 Lt. TIMOTHY A. SUGHRUE  
 Lt. CHARLES R. THOMPSON

Lt. JOHN F. J. TOBIN  
 Lt. IRVING TOW  
 Lt. CORNELIUS P. TROWBRIDGE  
 Lt. WILLIAM B. TWISS  
 Lt. CORTLANDT VAN WINKLE  
 Lt. HARRY G. VINSON  
 Lt. EARLE L. WARREN  
 Lt. JOHN WEINMANN, JR.  
 Lt. REED J. WHIELDON  
 Lt. DELOS H. WHITE

### NAVAL STAFF

Lt. EDWARD W. BROWN, U.S.N.R.F.  
 Lt. CARL OTTO FISCHER, U.S.N.R.F.  
 Lt. HUGH J. DUFFY, U.S.N.  
 Ensign R. R. PERRY, U.S.N.R.F.

Ensign ELBERT O. ANDERSON,  
 U.S.N.R.F.  
 Ensign THEODORE L. DE CAMP,  
 U.S.N.R.F.  
 Pay Clerk OTTO FINCK, U.S.N.R.F.  
 Boatswain CHARLES T. WEBSTER,  
 U.S.N.R.F.

In accordance with communications from the War Department under date of August 28, 1918, and August 31, 1918, there was established at Columbia University for the academic year 1918-1919 a Students' Army Training Corps with both military and naval sections, and plans were made by which Columbia University extended in fullest possible measure the cooperation to the War Department in the task of training some sixty or seventy thousand young men to become officers in the Army. To accomplish this, the entire work of the University was radically reorganized and male students between the ages of eighteen and forty-five, who after registration were put by the Draft Boards in Class 1A, or who were accepted for limited service, became on October 1 members of the Students' Army Training Corps, in the hope and expectation of fitting themselves to receive a commission. These students, members of the U. S. Army, wore the uniform, and were under strict military discipline and control. They received the Army pay of a private, \$30 a month, and were housed, fed, and taught by the University under a contract with the United States Government. Students were selected on the basis of their previous preparation, physical fitness, and personal preference for the following types of service authorized by the War Department: Infantry, artillery, machine gunnery, navy, medicine, engineering, and special types of preparation which could be obtained in the other professional schools and in the Graduate School.

All students inducted into the STUDENTS' ARMY TRAINING CORPS were required to take the course in Issues of the War.

The program of studies for students looking forward to the Infantry, Artillery, and Gunnery, Naval, Medical, and Engineering services are given below. Students selected for these lines were assigned to courses of instruction as One-Quarter, Two-Quarter, or Three-Quarter men, according to the present expectation regarding the duration of their course.

The signing of the armistice brought about the demobilization of the S. A. T. C., by order of the War Department, on December 21.

The following program of studies was arranged:

## INFANTRY

|                | <i>One-Quarter Men</i>                                                                   | <i>Two-Quarter Men</i>                                                                                                                              | <i>Three-Quarter Men</i>                                                                                                                         |
|----------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| FIRST QUARTER  | Issues of the War<br>Topography and Map-making<br>Hygiene and Sanitation<br>Military Law | Issues of the War<br>English<br><br>French or German<br><br>One from {<br>Geography<br>Government<br>History<br>Mathematics<br>Economics<br>Drawing | Issues of the War<br>French or German<br><br>One from {<br>History<br>Government<br>Chemistry<br>Geography<br>Drawing<br>Accounting<br>Economics |
| SECOND QUARTER |                                                                                          | Issues of the War<br>Hygiene and Sanitation<br>Topography and Map-making<br>Military Law                                                            | Issues of the War<br>Mathematics<br><br>French or German<br><br>Elective                                                                         |
| THIRD QUARTER  |                                                                                          |                                                                                                                                                     | Issues of the War<br>Hygiene and Sanitation<br>Topography and Map-making<br>Military Law                                                         |

## ARTILLERY AND MACHINE GUNNERY

|                | <i>One-Quarter Men</i>                                                   | <i>Two-Quarter Men</i>                                                   | <i>Three-Quarter Men</i>                                                                      |
|----------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| FIRST QUARTER  | Issues of the War<br>Mathematics<br>Physics<br>Topography and Map-making | Issues of the War<br>Mathematics<br>Physics<br>Topography and Map-making | Issues of the War<br>Mathematics<br>Hygiene and Sanitation<br>Elective, not a Modern Language |
| SECOND QUARTER |                                                                          | Issues of the War<br>Physics<br>Mathematics<br>English                   | Issues of the War<br>Mathematics<br>Physics<br>English                                        |
| THIRD QUARTER  |                                                                          |                                                                          | Issues of the War<br>Mechanics<br>Physics<br>Topography and Map-making                        |

## NAVY

|                | <i>One-Quarter Men</i>                                                                   | <i>Two-Quarter Men</i>                                                          | <i>Three-Quarter Men</i>                                                              |
|----------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| FIRST QUARTER  | Issues of the War<br>Astronomy and Navigation<br>Geography and Meteorology<br>Accounting | Issues of the War<br>Mathematics<br>International Law<br>Hygiene and Sanitation | Issues of the War<br>Mathematics<br>Government<br>French or German                    |
| SECOND QUARTER |                                                                                          | Issues of the War<br>Astronomy and Navigation<br>Geography<br>French or German  | Issues of the War<br>International Law<br>Geography and Meteorology<br>English        |
| THIRD QUARTER  |                                                                                          |                                                                                 | Issues of the War<br>Astronomy and Navigation<br>Hygiene and Sanitation<br>Accounting |

## PRE-MEDICAL

| FIRST AND SECOND QUARTERS | Issues of the War<br>Zoology<br>French or German<br>Chemistry | THIRD QUARTER | Issues of the War<br>Physics<br>Chemistry<br>English |
|---------------------------|---------------------------------------------------------------|---------------|------------------------------------------------------|

## ENGINEERING

For new students beginning abridged course of eight quarters at request of War Department:

| FIRST QUARTER | Issues of the War<br>English<br>Mathematics<br>Chemistry |  |
|---------------|----------------------------------------------------------|--|

For former students in Engineering and pre-engineering:

Changes in the program of studies will be duly announced. Such students should consult Professor Mayer before registering.



## TRANSITION COURSES

The Academic Calendar of Columbia College conformed to that of the Students' Army Training Corps from October 1 to December 25, and all courses in the College ended with the final examinations on December 21. The period between January 6 and February 1 was considered as a special term for which special registration was required and special credit assigned. Short courses were offered during the special term to precede each even-numbered course announced in the College Announcement, with a few exceptions, and many of the courses in the Schools of Mines, Engineering, and Chemistry.

Such short courses were designated by the letter *V* prefixed to the course number, thus: preliminary to the course English A2 there was offered a course known as English VA2; for Government 2, V2; for English 24, V24, etc.

For students entering in February, courses announced in the College Announcement were given subject to the usual conditions.

# SCHOOL OF LAW

## FACULTY

President BUTLER.

Dean STONE.

Professors ABBOTT, CANFIELD, GIFFORD (*Secretary*), GLENN, GUTHRIE, MOORE (JOHN BASSETT), MOORE (U.), PARKINSON, POWELL, SMITH (MUNROE), SMITH (Y. B.), TERRY.

Delegates to the University Council (see page 6).

*Purpose.* The Design of the School of Law is to afford a thorough, practical, and scientific education in the principles of: The common and statute law of the United States; the English and American system of equity jurisdiction; the Public law of the United States and Europe; the Roman law—ancient and modern; theoretical and comparative jurisprudence.

Opportunity is given through short special courses (see page 132) for specializing in particular fields.

*Application.* All applicants for admission must present satisfactory evidence of good moral character.

Admission to the School of Law as a matriculated student will be upon one of the following three conditions:

(a) Graduation from an approved college or scientific school of collegiate rank.

(b) The successful completion of three years of undergraduate study in an approved college or scientific school, which course of study must have included satisfactory courses in Economics and in English and American History.

(c) In lieu of either of the above, the presentation of satisfactory evidence of preliminary training obtained in higher institutions of learning, in this country or abroad, equivalent to that prescribed in either of the foregoing paragraphs (a) or (b).

(For detailed description of courses see page 132.)

*Advanced Standing.* Students complying with the above requirements for admission to the School, who have, in addition, successfully pursued the study of law for at least a year in an approved law school, on examination giving satisfactory evidence of proficiency in the studies of the first year, may be admitted to advanced standing as members of the second-year class. Examinations are usually required in the more important first-year subjects. No one will be admitted to advanced standing beyond the second year except by special vote of the Faculty.

The examinations for advanced standing cover all the work previously done by the class to which admission is sought, and are held at the end of the half-year in which the respective subjects are given and during the week preceding the opening of the fall term. Examinations may be dispensed with and credit given on certificate for courses satisfactorily completed in an approved law school in cases where such courses are deemed by the Faculty equivalent to the corresponding courses given in this School.

*Non-Matriculants.* Duly qualified persons not candidates for the degree of LL.B. may be admitted as non-matriculated students on presenting such evidence as the Faculty may require of their exceptional fitness to undertake with advantage the

study of law. Applicants must usually have two years or more of College or Law School work to their credit and must be at least twenty-one years of age.

*Examinations.* Written examinations are held at the end of each half-year on the subjects completed during that half-year and on the subjects of the first and second years during the week preceding the opening of the academic year.

All students, whether matriculated or non-matriculated, must, unless excused by the Dean, present themselves for examination in all the subjects for which they are registered at the first examination held therein, and, in case of excuse from any examination, must take the next examination offered in such subject. *A student permitted to take a deferred examination must pay a fee of five dollars for a deficiency examination.* Students are not permitted to take examinations in courses for which they are not regularly registered.

At all stated examinations the standing of students will be indicated by the letters A, B, C, D, and F, representing Excellent, Good, Fair, Poor, and Failure, respectively. These grades will be part of the record of the students in the office of the Registrar, and will be reported to them as soon as possible after each examination.

No student will be admitted to the second-year class who is deficient in more than four hours of the work of the first year. No student will be admitted to the third-year class who is deficient in any subject of the first year, or in more than one full course or in more than two half-year courses of the second year.

No student failing in any subject will be permitted to take a second examination therein without having again taken the course in which such failure occurred, nor will any student failing a second time in any subject be allowed to continue in the School except by special vote of the Faculty.

No special examinations are given.

*Bachelor of Laws.* The required work for the degree of Bachelor of Laws consists of seventy-six points, each point representing the satisfactory completion of work requiring attendance one hour a week for one-half year. This requirement must be satisfied by a three years' residence and is usually met by a program embracing the prescribed work of the first year and of twelve hours or more of lectures per week through the second and third years.

No candidate for the degree may take less than twelve nor more than fourteen hours per week in the Winter or Spring Sessions.

Students registered in the Law School will, on approval of the Faculty, receive credit not exceeding seven points in any one year for law courses successfully completed by them in the Summer Session of the University. Attendance at a Summer Session will be deemed equivalent to one-fourth year's residence.

Not more than one full course representing four points nor more than two half-year courses representing three points each in which the student receives a mark of D may be counted toward a degree in any one year.

No student failing in any subject for which he is registered will be admitted to the degree unless within two years of such failure he receives a mark of C, at least, therein.

Non-matriculated students who have been members of the School for at least two years may become eligible for the degree if they shall have attained an average of B in all the work prescribed therefor.

#### MASTER OF LAWS (See page 218)

*Higher Degrees.* The degrees of Master of Arts and Doctor of Philosophy are also awarded for work done in part under the Faculty of Law. (See page 215.)

#### SCHOLARSHIPS AND PRIZES (See page 281)

#### FEES (See page 58)

## PROGRAM OF STUDIES

| FIRST YEAR                                 |      | SECOND YEAR                               |      | THIRD YEAR                               |      |
|--------------------------------------------|------|-------------------------------------------|------|------------------------------------------|------|
| SUBJECT                                    | HRS. | SUBJECT                                   | HRS. | SUBJECT                                  | HRS. |
| <i>1st Half</i>                            |      | <i>1st Half</i>                           |      | <i>1st Half</i>                          |      |
| Contracts                                  | 4    | Agency                                    | 3    | American Constitutional Law II           | 2    |
| Criminal Law                               | 3    | Domestic Relations                        | 2    | American Constitutional Law III          | 1    |
| Personal Property I                        | 2    | Equity I                                  | 3    | Code Pleading and Practice               | 2    |
| Torts                                      | 3    | Institutes of Roman Law                   | 4    | Corporations                             | 2    |
|                                            |      | Insurance <sup>2</sup>                    | 2    | Equity II                                | 3    |
|                                            |      | Quasi-Contracts                           | 4    | Evidence                                 | 4    |
|                                            |      | Real and Personal Property II             | 2    | Historical and Comparative Jurisprudence | 2    |
|                                            |      | Sales                                     | 4    | International Law                        | 2    |
|                                            |      |                                           |      | Law of Officers                          | 2    |
|                                            |      |                                           |      | Municipal Corporations                   | 2    |
|                                            |      |                                           |      | N. Y. Trusts                             | 2    |
|                                            |      |                                           |      | Real and Personal Prop. III              | 3    |
| <i>2d Half</i>                             |      | <i>2d Half</i>                            |      | <i>2d Half</i>                           |      |
| American Constitutional Law I <sup>2</sup> | 1    | Bankruptcy and Insolvency <sup>1</sup>    | 2    | American Constitutional Law II           | 2    |
| Contracts                                  | 4    | Public Service Law                        | 3    | American Constitutional Law III          | 1    |
| Pleading and Practice I                    | 3    | Equity Pleading and Practice <sup>2</sup> | 2    | Code Pleading and Practice               | 2    |
| Real Property I                            | 4    | Bills and Notes                           | 3    | Conflict of Laws                         | 3    |
| Torts                                      | 3    | Real and Personal Property II             | 2    | Corporations                             | 2    |
|                                            |      | Trusts                                    | 4    | International Law                        | 2    |
|                                            |      | Wills and Administrations                 | 3    | Mortgages                                | 2    |
|                                            |      |                                           |      | Partnership                              | 3    |
|                                            |      |                                           |      | Suretyship                               | 2    |

*Special Courses.* Admiralty. Law of Mining and Irrigation.<sup>2</sup> Reading in the Digest of Justinian. Modern Civil Law. History of European Law  
Law of Water Rights.<sup>2</sup> Legal Bibliography and the Use of Law Books.

<sup>1</sup> Given alternate years only; omitted 1918-1919.

<sup>2</sup> Omitted in 1918-1919.



*Library.* The Law Library has been greatly extended and improved, and now consists of upwards of 64,000 volumes, which have been carefully selected to meet the wants of students. It contains practically every reported decision of the American, English, and British Colonial courts, and good working collections of American and foreign statute law, Roman and modern civil law, and jurisprudence. Lectures on legal bibliography and the use of law books are given by the Law Librarian.

# SCHOOL OF MEDICINE

## COLLEGE OF PHYSICIANS AND SURGEONS

### FACULTY

President BUTLER.

Dean LAMBERT.

Professors BURTON-OPITZ, CASAMAJOR, CLARKE (W. C.), COAKLEY, CRAGIN,\* DARRACH, EVANS, FORDYCE, GIES, HIBBS, HOLT, HUNTINGTON, JOBLING, KNAPP, LAMBERT (A. V. S.), LEE, LIEB, LONGCOPE, MACKEE, MARTIN, MILLER, NORRIE, PAINTER, PALMER, PAPPENHEIMER, SQUIER, TILNEY, VOGEL, WHIPPLE, WILLIAMS, WOOD, ZINSSER.

### COMMITTEES

*On Administration.* The Dean (*Chairman*), Professors BURTON-OPITZ (1921), CRAGIN,\* (1919), HUNTINGTON (1920), TILNEY (1920), EVANS (1921), and WOOD (1919).

*On Admission.* The Dean (*Chairman*), Drs. LEE and GIES.

*On Scholarships.* The Dean (*Chairman*), Professors PAINTER and A. V. S. LAMBERT.

*On Students' Library.* Professors HUNTINGTON (*Chairman*), A. V. S. LAMBERT, TILNEY, and LEE.

*On Legislation.* Professors LAMBERT, LEE, and WOOD, and Professor STONE, Dean of the Law School.

*Historical.* King's College—the original foundation of Columbia University—organized a Medical Faculty in 1767, and was the first institution in the North American Colonies to confer the degree of Doctor of Medicine in course. The first individuals to graduate in medicine from the College were Robert Tucker and Samuel Kissam, who received the degree of Bachelor of Medicine in May, 1769, and that of Doctor of Medicine in May, 1770, and May, 1771, respectively. Instruction in medicine was given from this time on until the work of the College was broken up by the War of the Revolution. In 1784 an act was passed making Columbia College in the City of New York the successor of King's College, and instruction was resumed in the academic department. Eight years later the Medical Faculty was re-established, and was continued until 1814, when the Medical Faculty of Columbia College was merged in the College of Physicians and Surgeons, which had received an independent charter in 1807. In 1860, by agreement between the Trustees of the two institutions, the College of Physicians and Surgeons became the medical department of Columbia College, and from that time on the diplomas of the graduates were signed by the President of Columbia College as well as by the President of the College of Physicians and Surgeons. The connection was only a nominal one, however, until 1891, when the College was definitely merged in the University.

*Location and Equipment.* The College of Physicians and Surgeons was first situated at 18 Robinson Street, from 1807 to 1809. From 1809 to 1813 it was at 12 Magazine Street; from 1813 to 1837 at 3 Barclay Street; from 1837 to 1856 at 67 Crosby Street; and from 1856 to 1887 at 101 East Twenty-third Street. It now occupies a group of buildings which stand upon thirty contiguous lots of land, bounded on the south, west, and north by Fifty-ninth Street, Amsterdam Avenue, and Sixtieth Street, respectively.

\* Died October 21, 1918.

*Main Building.* The main College buildings have been designed to facilitate the combination of theoretical instruction with laboratory work, which is essential to a modern scientific training. In these buildings, which have a floor space of 100,000 square feet, are the lecture halls, the recitation rooms, and the laboratories, under the supervision of their respective professors, all thoroughly equipped for the routine work of the regular classes and for the special original and research work of the advanced students, instructors, and professors of the several departments; the administrative offices, the laboratories of physiology, bacteriology, anatomy, embryology, and histology, organic and biological chemistry, medicine, neurology, surgery, pharmacology, pathology, and clinical pathology, the morphological museums and laboratory, a dissecting-room accommodating 400 students, and two large amphitheatres.

For a more detailed account of the equipment of each department, see the departmental statements.

*Presbyterian Hospital.* The alliance brought about by the mutual action of the two boards of trustees between the College of Physicians and Surgeons and the Presbyterian Hospital permits the scientific and clinical direction by the University of the medical, surgical, and pathological services of the hospital. A clinic service in medicine and in surgery has been organized in the hospital and placed in the charge of the Professors of Medicine and of Surgery, respectively. These services contain about 100 beds each and form an admirable ward hospital service for the Departments of Medicine and of Surgery. The Presbyterian Hospital contemplates the building of a new plant in which the present arrangements will be far surpassed, both in scientific facilities and in the number of beds.

The exceptional advantages of such an alliance between the College and the Presbyterian Hospital can scarcely be overstated. The system of sending fourth-year students to the various hospitals as clinical clerks has been strengthened and made more effective. The students will be sent to the other hospitals, which have admitted clinical clerks, as heretofore, but the wards of the Presbyterian Hospital offer a more thorough opportunity for the study of bed patients. This development has placed the College of Physicians and Surgeons in the position where its clinical facilities are commensurate with the laboratory development which has taken place during the last ten years.

*Library.* The libraries of the College of Physicians and Surgeons consist of a general reference library with reading room, and the special libraries of various departments. The general reference library is located on the first floor of the main building. It is open during the day and is freely accessible to all students. It contains 10,000 volumes and as many pamphlets, which include a collection of current text-books and monographs and the most important current medical journals. The books are classified according to the classification of the Library of Congress, and are catalogued with author, subject, and title entries. The catalogue will eventually become a union catalogue of all books in the different libraries of the College. Books are loaned out over night for the convenience of students who wish to study at home. The special libraries are located in the rooms of the various departments. They consist largely of periodical literature, but include many monographs and other books relating to the subjects of the respective departments. They are of special interest to the investigators in these departments, but may be used by other students upon special request.

More than 300 periodicals are received in the several libraries of the College. The number of volumes and pamphlets is as follows:

Anatomy, 2,500 volumes, 3,000 pamphlets; Biological Chemistry, 3,000 volumes, 10,000 pamphlets; Pathology, 5,700 volumes, 2,000 pamphlets; Pharmacology, 450 volumes; Physiology, 10,000 volumes, 14,000 pamphlets; Practice of Medicine (Jane-way Library), 9,500 volumes, 3,400 pamphlets; Reference Library, 10,000 volumes, 10,000 pamphlets; Surgery, Hartley and Blake Libraries (at the Presbyterian Hospital)

1,000 volumes, 1,000 pamphlets; Crocker Fund, 1,500 volumes; total, 39,330 volumes, 43,400 pamphlets.

*Crocker Fund.* This fund was established by a legacy from the late Mr. George Crocker for the purpose of conducting an investigation on the subject of cancer. The research laboratories of the Fund are situated on East Field, in a three-story and basement fireproof structure, measuring about forty by one hundred feet. The building is very completely equipped with the necessary apparatus for the experimental study of cancer, and contains a large collection of specimens, a very complete library, photographic, and photomicrographic apparatus, etc.

The immediate object of the Fund is the promotion of research in cancer. Voluntary workers who have had suitable preparation in pathological histology and pathology are welcome, and will be given sufficient instruction to enable them to pursue in a satisfactory manner some phase of cancer research. Formal courses will also be offered by the staff in pathological technique and tumor biology.

*Vanderbilt Clinic.* The Vanderbilt Clinic is a fully equipped dispensary for the sick poor. It affords ample material for extended practical clinical instruction in the various departments of medicine and surgery, as the professors, with their clinical assistants, have the entire charge of its practice. The building is so arranged that each department has a room for the practical instruction of students in small sections, in addition to the rooms devoted to the treatment of patients; besides, there is a large theater for clinical lectures and a small lecture hall. Modern appliances for the treatment of diseases have been introduced, so that students can learn thoroughly the use of methods in each of the special departments of medicine. During the year 1917, 31,560 patients were treated, making 151,771 visits to the Clinic. For detailed information as to the clinical lectures held here, see the departmental statements in this volume, or the current *Announcement of the College of Physicians and Surgeons*.

*Sloane Hospital.* The Sloane Hospital for Women is under the direction of the Professor of Obstetrics and Gynecology in the College of Physicians and Surgeons, an Instructor in Obstetrics and an Instructor in Gynecology being the Resident Officers. The wards of the Hospital furnish 107 obstetrical beds, 100 babies' cribs, and 25 gynecological beds. In addition there are 38 private room beds and accommodations for the house staff, students, and nurses. There are two large operating rooms, one for obstetrics and one for gynecology, each equipped with modern appliances for dealing with these conditions, where weekly clinics are held throughout the year. The deliveries number about 1,800 each year.

With the completion of the Gynecological Department of the Sloane Hospital, the operative material of the large gynecological service of the Vanderbilt Clinic is made available for teaching purposes, so that students of the College of Physicians and Surgeons receive on the college grounds practical instruction, not only in normal and complicated obstetrics and the care of young babies, but in the treatment, operative and palliative, of all diseases of the female pelvic organs.

*Hospital Clinics.* The College is strongly represented on the staffs of most of the general and special hospitals of New York. In them both required and optional practical instruction is given by clinical lectures, in the dispensaries and at the bedside, all of which are prominent features of the curriculum. These hospitals are as follows: Roosevelt, Bellevue, Presbyterian, New York, St. Luke's, Lenox Hill, Mt. Sinai, City, Lincoln, New York Orthopedic Hospital, St. Mary's Free Hospital for Children, Willard Parker, Scarlet Fever and Reception, New York Eye and Ear Infirmary, the Babies Hospital, Herman Knapp Memorial Eye Hospital, the Manhattan Eye, Ear, and Throat Hospital, and the Montefiore Home and Hospital. For a detailed statement, see the current *Announcement of the College of Physicians and Surgeons*.



*Plan of Instruction.* Beginning with the session of 1918-1919 the prescribed period of study for the degree of Doctor of Medicine is five years. The adoption of a five-year curriculum and the requirement of a fifth hospital year for the degree of M.D. has been decided upon. This advance in medical education is coincident with the inauguration of the new entrance requirement of organic chemistry and qualitative analysis. A rearrangement of the whole course of instruction is under way. At the present time, it is necessary and advisable to announce the changes in the first year only. The entering class in September, 1918, will begin at the opening of the term all four subjects of the year's work. Physiological chemistry, histology and embryology, anatomy, and physiology. Anatomy will be continued in the second year, but the other three subjects will be completed during the first year of the course.

Each year is divided into Winter, Spring, and Summer sessions. The requirements for admission are given elsewhere, but too much stress cannot be laid upon the desirability of a student fulfilling the spirit, as well as the mere letter, of these requirements. Physics, inorganic, qualitative, and organic chemistry and biology. English, and a modern language are now required for admission, and the student of medicine will grasp the advanced subjects forming the groundwork of the course the more easily and with the better understanding just in proportion to the breadth and completeness of his preliminary education.

After September, 1920, the College will admit combined course students from other institutions to advanced standing upon one of two conditions: first, that they have fulfilled the educational requirement of the classes in the college to which they ask admission, especially as to this pre-medical equivalent of 72 points in Columbia College, or second, that they have received a Bachelor's degree for this work prior to their admission to the College of Physicians and Surgeons.

Columbia University will give the degree of Bachelor of Science in medicine to every student entering the College of Physicians and Surgeons on this standard, upon the completion of the first two years of the medical course. Those students who elect the combined course of seven years in Columbia University will continue to receive the degree of A.B. upon the nomination of Columbia College.

In the arrangement of the different branches of the medical instruction, a logical order of the main themes and a coordination in the work of each department have been sought after, enabling the student to concentrate his attention upon some one subject and to be so familiar with it that the allied subjects next to be taken up shall be readily understood. The salient features in the method of instruction are thorough laboratory training, frequent demonstrations, clinical teaching in the operating theaters and at the bedside as well as in the dispensaries, with recitations and didactic lectures to elucidate the many problems confronting the student.

In the first year the time of the student is devoted largely to anatomy, including histology and embryology. The instruction is carried on mainly by numerous demonstrations to sections and by long periods of uninterrupted work in the dissecting-room. Physiology and physiological chemistry are taught by lectures, demonstrations, recitations, and practical work in the laboratory.

In the second year anatomy and physiology are completed. The lectures, recitations, and laboratory courses in pharmacology and bacteriology are attended. As preliminary to the third and fourth years, recitations from text-books are held in obstetrics and surgery. In the second half of the year they study general, gross, and clinical pathology and are prepared for the study of medicine by an elementary clinic, and by instruction in the methods of physical diagnosis.

During the third year recitations in medicine and surgery are continued and those in gynecology, diseases of children, and therapeutics are begun. There are theoretical or clinical lectures in medicine, surgery, pharmacology, and therapeutics, obstetrics,

gynecology, neurology, laryngology, otology, urology, ophthalmology, dermatology and syphilology, orthopedic surgery, and diseases of children. The class is divided into small sections for instruction in physical and medical diagnosis, and in the special branches of medicine and surgery at the various dispensaries and hospitals.

The student in the fourth year spends most of his time in the hospitals and dispensaries of the city. Consequently, although a few general and clinical lectures are still given, the work is almost entirely practical and bedside instruction. Divided into small groups, the students continue to come into personal contact with patients under the supervision of the instructor. In this way they have the opportunity to become familiar with the history of a case, to make a complete physical examination, to form a diagnosis, to give a prognosis, to advise treatment, and to watch progress. In the course in surgery the witnessing of numerous major and minor operations is supplemented by an operative course in which the student himself performs on the cadaver many of the more common operations. For an obstetrical service, the unsurpassed facilities of the Sloane Hospital for Women and out-patient obstetrical department in connection with the Nursery and Child's Hospital, offer excellent opportunities. Here the student is required to live for five weeks and personally attend a certain number of cases of labor. The course in diseases of children includes bedside instruction at Babies, Bellevue Hospital, St. Mary's, and Lenox Hill Hospitals, where exceptional advantages are enjoyed by the student for studying all forms of acute disease in infants and young children. The course is rounded out by personal instruction in the more special branches of medicine. In these branches the student is taught how to use instruments of precision and to recognize and treat successfully many of the rarer forms of disease.

*Clinical Clerks.* Courses in the wards of St. Luke's, Bellevue, Roosevelt, the Mt. Sinai, the Presbyterian, the New York, the Lenox Hill Hospital, and Montefiore Home and Hospital, have been opened by those institutions to fourth-year medical students. These courses consist of work in the wards of the hospitals during which the students serve as clinical clerks both in medicine and surgery and become for the time being members of the regular staff.

*Fifth or Hospital Year.* The new curriculum which will be enforced for the class entering in September, 1918, will offer a fifth or hospital year. During this proposed year the students of the last year in the College will serve as clinical clerks for twelve months in such hospitals as may be approved by the College and which have modified their intern service to meet the new conditions. The necessary reorganization of the present hospital service will require the appointment of resident officers in the clinical departments and the limitation of the intern service to twelve months.

The enlistment of eighty-five per cent. of all medical students in the Medical Reserve Corps of the Army and Navy at the present time and the requirement of the Government services for a maximum hospital intern service has emphasized the new plan of instruction adopted by this College.

Under this new curriculum further changes in the third and fourth years will be formulated and announced in due time. The fact to be stated now is that a fifth year will be required of all graduates of the College during which they will serve under College supervision as hospital interns for twelve months.

*Admission.* All candidates must present the medical-student certificate of the Regents of the University of the State of New York, based on the following qualifications: The minimum requirements for admission to the first year will comprise two years of college work aggregating 72 points, as rated at present in Columbia College for the candidates of the "combined course." A standard year of college work completed, with good grades, would ordinarily be valued at 30 points, but 72 points can be completed in two years in most colleges. Summer session courses may be used when necessary to supplement the work done in the regular college year. The 72

points must include one year of physics, one year of inorganic chemistry based on college entrance chemistry, one-half year of qualitative analysis, one-half year of organic chemistry, one year of biology, two years of college English, and the equivalent in either French or German of courses A and B as prescribed by Columbia College. The preparation in physics, chemistry, and biology, which will be required for admission, is represented by the following courses in Columbia College:

*Physics A1-A2*—General elementary physics. Three lectures and 2 hours' laboratory work a week for one year.

*Chemistry 3-4*—General inorganic chemistry. Three lectures and 6 hours' laboratory work a week for one year.

*Chemistry 11*—Qualitative analysis. Two lectures and 6 hours' laboratory work a week for one-half year.

*Chemistry 46*—Organic chemistry. Three lectures and 6 hours' laboratory work a week for one-half year.

*Zoology 1-2*—Elementary biology and zoology. Two lectures and 4 hours' laboratory work a week for one year.

While the above courses represent the minimum requirements for admission to the first year, it is highly recommended that, if possible, the college work include three, instead of two, years, so as to allow a more thorough preparation in physics, chemistry, and biology. Such a three-year course, as offered by Columbia College, includes among other studies the following courses in the basal sciences. Although this combination of courses is given in Columbia, it is not essential that other colleges should adhere to this curriculum, except in so far as the minimum just given above is concerned. Other advanced work in the preliminary sciences would undoubtedly fit the student for his medical work in a most satisfactory manner.

*Mathematics 1*—Algebra. Three hours a week for one-half year.

*Mathematics 4*—Analytical geometry. Three hours a week for one-half year.

*Mathematics 15-16*—Differential and integral calculus. Three hours a week for 1 year.

*Physics 2*—Mechanics and wave motion. Three lectures and 1 recitation a week for one-half year.

*Physics 3*—Heat and light. Three lectures and 1 recitation a week for one-half year.

*Physics 4*—Electricity. Three lectures and 1 recitation a week for one-half year.

*Physics 41-42*—Physical laboratory. Four hours a week for 1 year.

*Chemistry 3-4*—General inorganic chemistry. Three lectures and 6 hours' laboratory work a week for 1 year.

*Chemistry 11*—Qualitative analysis. Two lectures and 6 hours' laboratory work a week for one-half year.

*Chemistry 66*—Quantitative analysis. One lecture and 6 hours' laboratory work a week for one-half year.

*Chemistry 41-42*—Organic chemistry. Three lectures and 6 hours' laboratory work a week for 1 year.

*Chemistry 22*—Physical chemistry. Three lectures a week for one-half year.

*Zoology 1-2*—Elementary biology and zoology. Two lectures and 4 hours' laboratory work a week for 1 year.

*Zoology 91-92*—General zoology. Two lectures and 6 hours' laboratory work a week for 1 year.

After September, 1920, the College will admit combined course students from other institutions to advanced standing upon the conditions, first, that they have fulfilled the educational requirement of the classes in the college to which they ask admission, especially as to this premedical equivalent of 72 points in Columbia College, and, second, that they have received a bachelor's degree for this work prior to their admission to the College of Physicians and Surgeons.



Columbia University will give the degree of Bachelor of Science in medicine to every student entering the College of Physicians and Surgeons on this standard upon the completion of the first two years of the medical course. Those students who elect the combined course of seven years in Columbia University will continue to receive the degree of A.B. upon the nomination of Columbia College.

*Admission with Advanced Standing.* Students will not be admitted to advanced standing upon examination, but only upon a satisfactory record in their school of previous residence. In addition to the medical student certificate required by the New York State Education Department, candidates who have completed, without conditions, one or more years of study in a medical school rated in class A, will be given credit for all courses satisfactorily completed therein, on presentation of proper certificates to the Committee on Admissions, covering the same; provided that the candidates before beginning the study of medicine have fulfilled the requirements for admission demanded by the College of Physicians and Surgeons. Application blanks will be furnished on request, and prospective students are advised to file their applications in the spring to avoid delay in matriculating at the opening of the session in September. It is essential that students offering themselves for admission to advanced standing should have had all the work completed by the class to which they seek admission at the College of Physicians and Surgeons.

Students planning to enter the second year from other medical schools must have completed the above entrance requirements before beginning the study of medicine, and one year in a class A medical school, including the subjects given at the College of Physicians and Surgeons. Conditional students from other schools may not remove a condition in the Summer Session at Columbia for credit in the College of Physicians and Surgeons.

The course in medical education divides itself logically into two parts, the first of which is scientific and consists of the first two years, and the second is clinical and consists of the last two years. It is found difficult to separate the work of the third and fourth years, and students who desire to obtain the advantages of the clinical opportunities offered in New York City, so far as they are represented by the College of Physicians and Surgeons, are recommended to transfer from their college of previous study at the end of their second year in medicine, and to take both the third and the fourth years at Columbia. Students who have finished the combined course leading to a bachelor's degree, of which the last two years have been taken in a regular medical school connected with their university, are eligible for admission to the third year at the College of Physicians and Surgeons, provided they have taken all the courses of its first two years. Those students, however, who are deficient in clinical pathology may make up this deficiency, before admission, in the Summer session. Those students who are deficient in physical diagnosis may make up this subject in a special course which is given at the Vanderbilt Clinic for two weeks prior to the opening of the session.

The fourth year at the College is so eminently clinical that admission to it will be limited to students who have already secured the degree of doctor of medicine. It is believed that it will be found to be a valuable post-graduate year for many graduates of class A institutions.

*Special Students.* Students desiring to do special work at the College of Physicians and Surgeons may register at any time during the year as special students. Such special courses do not count in any way as part of the four years' course required of candidates for the degree of Doctor of Medicine.

*Admission of Women.* For the first time in the history of the College of Physicians and Surgeons, women were admitted to the first-year class in September, 1917, on the same basis as men, as candidates for the degree of M.D. In the future women will be



accepted as students for advanced standing only in those classes to which women have been admitted already. During the war the admission of women may be curtailed by the presence of an excess of men enlisted in the Medical Reserve Corps of the Army. A certain number of places will be reserved for women students. The same limitation of numbers applies to men who are not so enlisted.

*Graduation.* Every candidate in the four-year course will be required before receiving the degree of M.D.:

1. To present satisfactory evidence, as required by law, of good moral character, and of having attained the age of twenty-one years.
2. To present evidence of having complied with the requirements for admission.
3. To have attained to satisfactory standing in the required studies of the four years of the curriculum. (See table, page 206.)
4. A candidate who shall have been admitted to advanced standing will be required to have spent not less than four academic years at the studies referred to in the clause next preceding; and to have complied successfully with the requirements for admission to advanced standing.

No two academic years which shall have begun during the same calendar year will be held to satisfy the requirements of the preceding clause.

*Summer Session.* A general statement of the work offered in the Summer session will be found in connection with the statement of the Summer session (see the Table of Contents of this volume), and a detailed announcement showing the scope of each course, the conditions under which it is given, and the fee charged, will be sent upon application to the Secretary of Columbia University. (See page 247.)

#### SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES (See page 281)

Detailed information as to the laboratories, collections, and other facilities for study will be found in the statements of the various departments of instruction, page 67 *et seq.*, and more fully in the current *Announcement of the College of Physicians and Surgeons*.

## COURSE OF STUDY LEADING TO THE DEGREE OF M.D.

(A much more detailed summary will be found in the current *Announcement of the College of Physicians and Surgeons*)

| FIRST YEAR                                                                                                                                                             | SECOND YEAR                                                                                                                                                                                                                                                      | THIRD YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FOURTH YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anatomy, including Histology and Embryology) 101, 103-104<br>Physiology 106-107<br>Biological Chemistry 101-102<br><i>Examinations upon the work of the first year</i> | Anatomy 105 and 107<br>Neurology 215<br>Physiology 106<br>Pathology 102, 106<br>Bacteriology 101, 205<br>Pharmacology 101-102<br>Obstetrics 102<br>Practice of Medicine 102, 104, 106<br>Surgery 103-104<br><i>Examinations upon the work of the second year</i> | Practice of Medicine 201-202, 205-206, 207-208, 209-210, 219-220, 222<br>Neurology 201-202, 217-218<br>Surgery 201-202, 203-204, 205-206, 207 or 208<br>Obstetrics 201<br>Gynecology 201, 202<br>Urology 201, 202<br>Ophthalmology 201 and 202<br>Diseases of Children 201, 203-204, 207-208<br>Orthopedic Surgery 202<br>Dermatology and Syphilology 201-202, 204<br>Laryngology and Otology 201-202, 203-204, 205-206, 207-208<br><i>Examinations upon the work of the third year</i> | Practice of Medicine 211-212, 213-214, 215-216, 221, 225-226, 227<br>Neurology 203-204, 205<br>Surgery 209-210, 211-212, 213-214, 215-216, 221-222, 223-224, 225-226, 231-232, 233-234<br>Obstetrics 203-204, 205-206<br>Gynecology 203-204, 205-206, 207-208, 209-210<br>Diseases of Children 209-210, 211-212<br>Hygiene and Preventive Medicine 202<br><i>Examinations upon the work of the fourth year</i><br><br><i>Elective Courses</i><br>Surgery 217-218, 219-220, 221-222, 223-224, 225-226, 231-232, 233-234<br>Pharmacology 213-214, 215, 217, 231-232 |

# THE SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

## FACULTY

President BUTLER.

Dean PEGRAM.

Professors ARENDT, BAEKELAND, BEANS, BERKEY, BOGERT, BURNSIDE, CAMPBELL, CURTIS, DAVIS, FINCH, FISKE, FITE, FREAS, GRABAU, HALL, HARRINGTON, HAWKES, HEHRE, JACKSON (D.D.), JACOBY, JONES, KENDALL, KERN, KEYSER, LOVELL, LUCKE, LUQUER, MCKEE, MACLAY, MAYER (*Secretary*), MEYLAN, MILLER, MORECROFT, MORGAN (J. L. R.), MOSES, MOSS, PARR, PEELE, PUPIN, RAUTENSTRAUCH, RAYMOND, SCHROEDER, SHERMAN (H. C.), SLEFFEL, SLICHTER, SMITH (ALEXANDER), THOMAS, THURSTON, TUCKER, WALKER, WENDELL, WILLS, and ZANETTI.

## COMMITTEE ON INSTRUCTION

The Dean (Chairman), Professors BERKEY, LUCKE, MAYER, RAUTENSTRAUCH, SLICHTER, WALKER, WENDELL, and JACKSON.

Delegates to the University Council (see page 6).

The Trustees of Columbia University, in accordance with the unanimous recommendation of the Faculty of Applied Science, determined in 1912 to raise the requirements for admission to the Schools of Mines, of Engineering, and of Chemistry, and generally to elevate and strengthen the course of engineering and technical study, from and after July 1, 1914. These schools at that time became advanced or graduate schools to which students of any branch of engineering, who have had a suitable preliminary training in a scientific school or college, may come for the highest type of professional instructions and for training in methods of research.

Candidates for admission to the new courses are required to present evidence of such preliminary general education as can ordinarily be had only by taking at least three years of study in a college or scientific school of high rank.

The schools under the Faculty of Applied Science offer the following courses:

The School of Mines. Three-year advanced courses leading to the degrees of Engineer of Mines and of Metallurgical Engineer.

The School of Engineering and Chemistry. Three-year advanced courses in Civil Engineering, Electrical Engineering, Mechanical Engineering, and Chemical Engineering, leading to the degrees of Civil Engineer, Electrical Engineer, Mechanical Engineer, and Chemical Engineer, respectively.

The courses are intended to meet the requirements of the several professions indicated; and many of them permit a certain amount of specialization, particularly in the third year. The work in the School of Mines is so arranged that the student can emphasize the engineering, the metallurgical, or the geological side of his profession.

Candidates for a professional degree who have some special end in view may be permitted to vary the regular program by substituting other subjects offered under the Faculty of Applied Science.

*Requirements for Admission.* Admission to the Schools of Mines, Engineering, and Chemistry will be upon one of the two following conditions:

(a) The satisfactory completion of not less than three full years of study or the equivalent in an approved college or scientific school which course must have included adequate instruction in chemistry, mathematics, and physics and the first courses in drawing and mechanics, or

(b) In lieu of the above, candidates of mature years who may not be able to fulfill the requirements in every respect, but who have had a successful professional experience, may present such evidence as the faculty may require to prove exceptional fitness to undertake the study of engineering.

It is desirable that candidates for admission make application in the spring in order to ascertain whether it would be advisable to attend the Summer Session in July and August with a view of completing the requirements for admission.

Graduates of colleges and technical schools may be admitted to advanced standing by submitting evidence that they have satisfactorily completed courses required in the class or classes preceding the one for which application for admission is made.

Students who plan to do their college work elsewhere should apply without fail to the Secretary of the University for advice regarding the choice of their studies in order to make certain that they may be able to meet the new requirements for admission by the time their college work is completed.

*Preparatory Courses in Columbia College.* The attention of students who wish to pursue a course in the Schools of Mines, Engineering, and Chemistry is directed to the course in Columbia College, especially arranged for study preparatory to the work in engineering. See the current *Announcement of Columbia College*.

*Special Courses.* Graduates of the Schools of Mines, Engineering, and Chemistry, and of other institutions of equal grade, may pursue any subjects taught in the schools for which they are properly qualified.

Persons of mature age who are not graduates, but who show special qualifications, are sometimes permitted to pursue special courses, but this permission is not given to others.

#### REGISTRATION AND FEES (See page 58)

#### FELLOWSHIPS AND SCHOLARSHIPS (See page 281)

### SUMMARY OF PROFESSIONAL COURSES OF STUDY

*Note:* Detailed tabular arrangements of each year of these courses will be found in the current *Announcement of the Schools of Mines, Engineering, and Chemistry*.

#### ENGINEER OF MINES

The instruction during the first year includes fundamental training in physics, mechanics, chemistry, mineralogy, geology, and engineering, as outlined in the program of studies. Instruction in the second and third years includes mining engineering, metallurgy, and advanced geology, and certain subjects in civil, mechanical, and electrical engineering.

The engineering, mining, and metallurgical laboratories are equipped to train the student in the making of scientific tests of engineering materials, and working tests of machines and processes of ore treatment, thus preparing him, as far as it is possible in the school, for work that he will be called upon to do as an engineer.

Practical instruction in summer classes in the field is made an important feature of the curriculum.

While much time is given to practical training in the laboratories, in the field, and at the mines and metallurgical establishments, care is taken to subordinate this instruction to a high standard of accomplishment in class-room work.



*First Year.* Winter Session: Chem. Eng. *1H*, *1N*, Civil Eng. *1A*, Elect. Eng. *1H*, Geology *1H*, Mech. Eng. *1H*, Mechanics *1H*, Metallurgy *1K*.

Spring Session: Chem. *66*, Drafting *8*, Elect. Eng. *102*, Geology *6*, Mech. Eng. *102*, Mechanics *104*, Mineralogy *118*.

Summer Work: Civil Eng. *15S*, *27S*.

*Second Year.* Winter Session: Civil Eng. *1L*, Geology *1L*, *101*, Mech. Eng. *1S*, Metallurgy *1H*, *1M*, Mining *1H*, *1K*.

Spring Session: Civil Eng. *164*, Elect. Eng. *118*, Geology *4*, *105-6*, Mech. Eng. *122*, *164*, Metallurgy *122*, Mining *152*, *154*, Mineralogy *11*.

Summer Work: Civil Eng. *28S*, Geology *112S*, Mining *158S*, *159S*.

No third-year course given, due to the fact that all men in this course had entered national service.

## METALLURGICAL ENGINEER

This course, which covers three years, is intended for those who expect to follow metallurgical work and become trained metallurgists in any of the branches of the profession. During the first year attention is paid to a thorough training in fundamental subjects, especially in chemistry, physics, geology, mineralogy, and preliminary courses in engineering. In the second year instruction is given in metallurgy and in mechanical, electrical, and mining engineering, chemistry, mineralogy, and geology. The third year is devoted largely to advanced lecture courses and laboratory work in metallurgy, to important courses in mining engineering, and to the higher branches of engineering.

In the summer schools, instruction is given in general surveying, geological field work, and visits are made to metallurgical works. In the eight weeks' summer courses at metallurgical works the students are required to study processes, make dimension sketches of furnaces and mills, and by observation and instruction become acquainted with metallurgical operations as conducted at the time.

*First Year.* Winter Session: Chem. Eng. *1N*, Elect. Eng. *1H*, Geology *1H*, Mech. Eng. *1H*, *1L*, Mechanics *1H*, Physics *1H*.

Spring Session: Chem. *66*, Drafting *8*, Elect. Eng. *102*, Geology *6*, Mech. Eng. *102*, Mechanics *104*, Mineralogy *118*.

Summer Work: Civil Eng. *15S*, *27S*.

*Second Year.* Winter Session: Civil Eng. *1L*, Mech. Eng. *1S*, Metallurgy *1H*, *1K*, *1L*, *1M*, *1N*, Mining *1K*, *1L*.

Spring Session: Civil Eng. *164*, Elect. Eng. *118*, Geology *4*, *105-6*, Mech. Eng. *122*, *164*, Metallurgy *122*, Mining *154*, Mineralogy *11*.

Summer Work: Geology *112S*, Metallurgy *164S*, *166S*.

No third-year course given, due to the fact that all men in this course had entered national service.

## CIVIL ENGINEER

The purposes set forth in the General Statement are accomplished by instruction in the following list of subjects, the earlier of which are more fundamental while those of the last year are more professional in their character and scope. The subjects are so chosen as to accomplish broad educational training in the various fields of civil engineering. It will be observed that the effort is made to emphasize and ground the student in fundamental principles, especially in their applications to the practical matters of engineering work. The range of subjects is sufficient to cover essentially the manufacture and use of power; any structural work in iron and steel; masonry, including reinforced concrete; timber, and those constructions involving the considera-

tion of the pressure and carrying power of earth. It will also be noted that the important subject of hydraulics is amply provided for by suitable topics covering public water supplies, flow in streams, natural and artificial, and hydraulic motors.

*First Year.* Winter Session: Civil Eng. *1H, 1K*, Elect. Eng. *1H*, Geology *1K*, Mech. Eng. *1H*, Mechanics *1H*, Metallurgy *1K*.

Spring Session: Civil Eng. *122, 124*, Drafting *6, 8*, Elect. Eng. *102*, Geology *32*, Mech. Eng. *102*, Mechanics *104*.

Summer Work: Civil Eng. *15S, 25S*.

*Second Year.* Winter Session: Civil Eng. *1H, 1M, 1N, 1Y*, Mech. Eng. *1S*.

Spring Session: Astronomy *106*, Civil Eng. *152, 158, 160, 162*, Elect. Eng. *118*, Mech. Eng. *122*.

Summer Work: Astronomy *107S*, Civil Eng. *26S, 29S*.

*Third Year.* To meet war conditions, the usual third-year course was replaced by the following intensive courses: Astronomy *107*, Civil Eng. *26S, 29S, 187, 188, 191, 197, 198*, Elect. Eng. *123-124*.

### ELECTRICAL ENGINEER

The actual curriculum including the various requirements which must be fulfilled in order to obtain the degree of E.E. are given in the following list of studies for each of the three graduate years, the character of each subject or requirement being explained more fully in the departmental statement referred to. Before entering these three years of graduate study, the student is required to have a training in such fundamental subjects as mathematics, physics, chemistry, mechanics, and drawing, as outlined in the requirements for admission.

The three years outlined below are intended to include the more specialized professional instruction. However, even in these later years more advanced theoretical subjects, such as thermodynamics and electro-mechanics, are included and given most careful attention.

*First Year.* Winter Session: Chem. Eng. *1N*, Elect. Eng. *1H, 1L*, Mech. Eng. *1H, 1L*, Mechanics *1H*, Metallurgy *1K*, Physics *1H*.

Spring Session: Chem. Eng. *184*, Civil Eng. *178*, Elect. Eng. *102*, Mech. Eng. *102, 106*, Mechanics *104*, Physics *150*, Business *2*.

Summer Work: Mech. Eng. *114S*.

*Second Year.* Winter Session: Elect. Eng. *1M, 1N*, Mech. Eng. *1S, 1U, 1V*.

Spring Session: Elect. Eng. *106, 108, 110, 122*, Mech. Eng. *120, 162*, Physics *112*.

Summer Work: Inspection and report on A. C. Power Plant.

*Third Year.* To meet war conditions, the usual third-year course was replaced by the following intensive courses: Elect. Eng. *105, 116, 123-124*, Mech. Eng. "Steam and Gas," Physics *113-114*.

### MECHANICAL ENGINEER

All subjects leading to the degree of Mechanical Engineer are listed in the following table, together with the year and term in which they are given. The first year is devoted to essential preparatory and introductory subjects, so treated as not only to prepare for later work directly but to give a survey of all that is to come. In the second year there are developed the basic principles of thermodynamics, resistance of materials and hydraulics, which are fixed in the mind of the student by drill, in the drafting-room by design courses, in the laboratory by experiments and tests, and in class by analysis of standard mechanical and electrical machinery. The third year is devoted to a detailed treatment of gas, steam, and water-power units and plants and to factory buildings, equipment, processes, and management. Throughout the course the aim is to develop clear conceptions of underlying principles, habits of independent thought

and orderly mental procedure applicable to any sort of mechanical engineering problems rather than to the memorization of isolated facts. The training given not only fits the student to take up the design of machinery and the perfection of processes of doing things by mechanical means, but also to take ultimately a leading place in the management of the manufacturing and transportation industries as engineer or executive.

*First Year.* Winter Session: Chem. Eng. *1H, 1N*, Elect. Eng. *1H*, Mech. Eng. *1H, 1L 1N*, Mechanics *1H*, Metallurgy *1K*, Physics *1H*.

Spring Session: Civil Eng. *178*, Elect. Eng. *102*, Mech. Eng. *102, 106, 110*, Mechanics *104*, Metallurgy *156*.

Summer Work: Mech. Eng. *114S*.

*Second Year.* Winter Session: Civil Eng. *1L*, Elect. Eng. *1N*, Mech. Eng. *1L, 1S, 1U, 1V, 1W*.

Spring Session: Elect. Eng. *106, 118*, Mech. Eng. *116A, 124A, 126A, 132, 172A*.

Summer Work: Mech. Eng. *134S, 142S*.

No third-year course was given, due to the fact that all men in this course had entered national service.

### CHEMICAL ENGINEER

The courses of instruction leading to the degree in Chemical Engineering are carefully chosen with a view to training men to develop and direct those industrial and manufacturing operations and processes which are based upon the application of chemistry.

A general knowledge of civil engineering is obtained from courses in hydraulics and resistance of materials. Electrical applications are studied in the Direct and Alternating Current Laboratories with the electrical engineers. A study of steam and gas power machinery, pumps, turbines, blowers and hydraulic equipment in the mechanical engineering laboratories supplements the courses in general physics, thermodynamics, and hydraulics.

In addition to the training in the fundamental engineering courses, it is sought to advance the students' knowledge of chemistry into the fields of physical chemistry, organic chemistry, and the more important special applications of industrial chemistry.

During the final year much attention is given to the development of the skill of the student in the application of the fundamental, engineering, and chemical principles studied earlier in the course to the practical problems of the industry. The Chemical Engineering Laboratory is so equipped and managed as to develop the power of making direct application of previous training.

Graduates in Chemical Engineering obtain positions in works laboratories as assistants to superintendents of works, and assistants to designing and erecting chemical engineers, and in various other capacities calculated to develop the experience leading to the independent direction and management of manufacturing enterprises.

*First Year.* Winter Session: Chemistry *1F, 1H*, Chem. Eng. *1H*, Elect. Eng. *1H*, Mech. Eng. *1H*, Mechanics *1H*, Physics *1H*.

Spring Session: Chemistry *42, 64*, Chem. Eng. *148, 162*, Elect. Eng. *102*, Mech. Eng. *102*, Mechanics *104*.

Summer Work: Chem. Eng. *80S*, Mech. Eng. *108S*.

*Second Year.* Winter Session: Chemistry *1L*, Chem. Eng. *1L, 1M*, Civil Eng. *1L*, Elect. Eng. *1N*, Mech. Eng. *1L, 1S*.

Spring Session: Chemistry *132, 152*, Chem. Eng. *192*, Elect. Eng. *118*, Mech. Eng. *106, 120*, Mineralogy *10*.

Summer Work: Chem. Eng. *188S*, Mech. Eng. *166S*.

*Third Year.* To meet war conditions, the usual third-year course was replaced by the following intensive courses: Chem. Eng. *188*, "Factory Management," Mech. Eng. "Steam and Gas," Met. *133S, 156S*.

# FACULTIES OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

## FACULTY OF POLITICAL SCIENCE

President BUTLER.

Dean WOODBRIDGE.

Professors CHADDOCK, CLARKE (J. B.), DEVINE, DUNNING, GIDDINGS, GUTHRIE, HAYES, HAZEN (C. D.), JOHNSON, KENDRICK, LINDSAY, MCBAIN, MCGIFFERT, MITCHELL (W. C.), MOORE (JOHN BASSETT), MOORE (H. L.), MUZZEY, POWELL, ROBINSON, ROCKWELL, SAIT, SCHUYLER (*Secretary*), SEAGER, SELIGMAN, SHEPHERD, SHOTWELL, SIMKHOVITCH, SMITH (MUNROE), TENNEY.

### COMMITTEE ON INSTRUCTION

Professors MCBAIN (*Chairman*), DUNNING, MUNROE SMITH, GIDDINGS, and SELIGMAN.

Delegates to the University Council (see page 6).

*General Statement.* The Faculty of Political Science, established in 1880, has charge of the university courses of instruction and research in political and social science, including history, economics, public law, and comparative jurisprudence. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University. Women who hold a baccalaureate degree are admitted under the Faculty of Political Science as students in history, economics, and social science and may become candidates for the degrees of Master of Arts and Doctor of Philosophy.

Students are admitted to the University under conditions given under "Regulations for the Degrees of Master of Arts and Doctor of Philosophy," page 215, *et seq.*

*Courses.* For information regarding the courses offered during the current year see departmental statement under groups of subjects as follows:

*History*, page 127.

*Economics and Social Science*, page 92.

*Politics, Public Law, and Comparative Jurisprudence*, page 133.

For more detailed accounts of the courses and for the tender of the current year application should be made for the current *Announcement of the Division of History, Economics, and Public Law*.

## FACULTY OF PHILOSOPHY

President BUTLER.

Dean WOODBRIDGE.

Professors ADLER, AYRES, BAGSTER-COLLINS, BAKER, BALDENSPERGER, BEWER, BOAS, BREWSTER, BUSH, CARPENTER, COE, CRAWFORD, DE ONÍS, DEWEY, EGBERT, ERSKINE, FLETCHER, GERIG, GOTTHEIL, JACKSON (A. V. W.), KNAPP, KRAPP, LAWRENCE (*Secretary*), LODGE, LOISEAUX, MCCREA, McMURRY, MATTHEWS, MILLER (D. S.), MONROE, MONTAGUE, MOORE (F. G.), PERRY, PITKIN, PRINCE, REMY, RUS-



SELL, SAVILLE, STRAYER, STURTEVANT, THOMAS (C.), THORNDIKE (A. H.), THORNDIKE (E. L.), TODD, TRENT, WEEKS, WOODWORTH, WRIGHT, and YOUNG.

#### COMMITTEE ON INSTRUCTION

Professors A. H. THORNDIKE (*Chairman*), GERIG, LODGE, MONTAGUE, and MONROE. Delegates to the University Council (see page 6).

*General Statement.* The Faculty of Philosophy, established in 1890, has charge of the university courses of instruction and research in philosophy, psychology, education, anthropology, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are admitted to the University under this Faculty under conditions given in "Regulations for the Degrees of Master of Arts and Doctor of Philosophy," page 215.

*Courses.* For information regarding the courses offered (during the current year) see departmental statements as follows: *Anthropology*, page 70. *Classical Philology* (including *Archæology and Epigraphy*), page 85. *Education*, page 98. *English and Comparative Literature*, page 117. *Germanic Languages*, page 124. *Oriental Languages: Chinese*, page 144; *Indo-Iranian*, page 144; *Semitic*, page 145. *Philosophy and Psychology*, page 153. *Romance Languages*, page 170. *Science of Languages*, page 117. *Slavonic Languages*, page 147.

For more detailed accounts of the courses and for the tender of the current year application should be made for the current divisional *Announcement of Ancient and Oriental Languages; Modern Languages and Literatures; Philosophy, Psychology, and Anthropology*; and of *Teachers College, School of Education*.

### FACULTY OF PURE SCIENCE

President BUTLER.

Dean WOODBRIDGE.

Professors BEANS, BERKEY, BOGERT, BRITTON, BURTON-OPITZ, CALKINS, CAMPBELL, COLE (*Secretary*), CRAMPTON, CURTIS, DAVIS, DEAN, FISKE, FITE, FREAS, GIES, GRABAU, GREGORY, HARPER, HAWKES, HUNTINGTON, JACOBY, JOHNSON (D. W.), KASNER, KENDALL, KEYSER, LEE, LUCKE, LUQUER, MACLAY, MITCHELL (H. B.), MORGAN (J. L. R.), MORGAN (O. S.), MORGAN (T. H.), MOSES, NELSON, OSBORN, PEGRAM, PIKE, POOR, PUPIN, RAYMOND, RICHARDS, SHERMAN (H. C.), SLICHTER, SMITH (ALEXANDER), SMITH (D. E.), WEBB, WILLS, WILSON, WOOD (F. C.), WOODHULL, and ZINSSER.

#### COMMITTEE ON INSTRUCTION

Professors PEGRAM (*Chairman*), LEE, MACLAY, T. H. MORGAN, and H. C. SHERMAN. Delegates to the University Council (see page 6).

*General Statement.* The Faculty of Pure Science, established in 1892, has charge of the university courses of instruction and research in all branches of pure science. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are admitted to the University under this Faculty under conditions given in "Regulations for the Degrees of Master of Arts and Doctor of Philosophy," pages 215-218.

*Courses.* For information regarding the courses offered the current year, see departmental statements as follows: *Anatomy*, page 69. *Astronomy*, page 73. *Bacteriology*,

page 74. *Biological Chemistry*, page 74. *Botany*, page 75. *Chemistry*, page 79. *Civil Engineering*, page 83. *Electrical Engineering*, page 115. *Geology*, page 121. *Highway Engineering*, page 83. *Mathematics*, page 135. *Mechanical Engineering*, page 138. *Mechanics*, see *Physics*. *Metallurgy*, page 139. *Mineralogy*, page 138. *Mining*, page 139. *Pathology*, page 148. *Pharmacology*, page 148. *Physics*, page 156. *Physiology*, page 159. *Zoology*, page 176.

For more detailed accounts of the courses and for the tender of the current year application should be made for the divisional current *Announcement of College of Pharmacy; Biology; Chemistry; Geology, Geography, and Mineralogy; Mathematical and Physical Sciences*; and of the *Schools of Mines, Engineering, and Chemistry*.

## REGULATIONS FOR THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

In order to be admitted to the University under the Faculties of Political Science, Philosophy, or Pure Science, a student must hold a baccalaureate degree in arts, letters, philosophy, or science, or an engineering degree, from an approved institution, or have an education equivalent to that represented by one of these degrees.

Students are advised to ascertain, by addressing the Director of University Admissions, before coming to the University, whether the college from which the baccalaureate degree has been received is upon the list of institutions whose degrees are accepted by Columbia University as entitling the holder to admission under one of these faculties; or for a ruling upon an education claimed to be the equivalent of an acceptable Bachelor's degree.

A student who is graduated from a college which is not on the approved list should submit (1) an official transcript of his college record, showing the grades received in the several courses; and (2) a catalogue of his college in which he has marked (a) each of the subjects that he offered for admission, and (b) each course for which he has received credit toward the degree.

Students of mature age and special fitness whose previous education does not entitle them to admission as students under one of these faculties, may be admitted as students in the University, and, with the authorization of the Director of University Admissions, may register for courses under the control of these faculties. In general, students who do not hold the first degree or its equivalent are recommended to apply for admission to Columbia College, Barnard College, or the School of Practical Arts.

Every student is admitted subject to the disciplinary powers of the University.

No degrees are granted by the University for work done *in absentia* and a minimum residence in the University of one academic year is required of every candidate for a degree. A year of residence under the Faculties of Political Science, Philosophy, and Pure Science, is defined as attendance upon courses aggregating not less than thirty tuition points, distributed over a period of not less than one academic year or its equivalent. Four Summer Sessions or two Summer Sessions together with a Winter or Spring Session are equivalent to one academic year. In certain cases and by special arrangement time exclusively devoted to investigation in the field will be credited in partial fulfilment of the requirement of residence.

*Students in Professional Schools.* A student holding the required first degree who is primarily registered in a professional school of Columbia University, or in an allied professional school may, with the consent of the faculty of such school, be registered under the Faculties of Political Science, Philosophy, or Pure Science. In case such a student is accepted as a candidate for a degree, he must conform to all the rules and regulations of these faculties; but he may offer as the equivalent of fifteen tuition points for residence for the degree of Master of Arts or in part fulfilment of the residence requirements for the degree of Doctor of Philosophy such of his professional courses as may be approved for such purpose by the Dean. In accordance with this provision, it is the custom of the Dean to approve only those professional courses which have been accepted by the several departments under these faculties and approved by them and the University Council.

REGULATIONS FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY

A student admitted to the University under the jurisdiction of the Faculties of Political Science, Philosophy, or Pure Science, who wishes to become a candidate for the degree of Doctor of Philosophy will be matriculated by the Dean upon the recommendation of the department in which his research work lies. Departments will recommend students for matriculation upon the following conditions:

1. The student must have pursued graduate studies in residence in this University or in some other institution approved by it for the equivalent of at least one academic year as defined in the regulations of the University.
2. The student must have satisfied the department that he is proficient in such languages as it may under the rules of the Faculty prescribe.
3. The student must have satisfied the department that he is prepared to undertake researches under its direction.

The Dean will admit a candidate for the degree to final examination and appoint a committee to examine him upon the recommendation of the department in charge of his work. Departments will recommend candidates for examination upon the following conditions:

1. The candidate must have pursued graduate studies and research for at least two academic years, one of which must have been spent at this University. The years of graduate study prior to his matriculation may be accepted in part fulfilment of this condition.
2. The candidate must have satisfied such preliminary examinations or requirements as the department may demand.
3. The candidate must have prepared a dissertation approved by the department and embodying the results of his researches. This dissertation must be printed either prior or subsequent to the final examination, as the department may require.

Students are advised to consult the divisional announcements and the administrative officers of the departments under which they are pursuing their studies, concerning the departmental requirements for admission to candidacy and for final examination.

Applications for the final oral examination for the degree of Doctor of Philosophy must be filed with the Dean at least two months before one of the three dates at which diplomas are issued (*viz.*, October, February, and June), in order to secure examination before that date.

Each candidate for the degree of Doctor of Philosophy shall present a dissertation embodying the results of original investigation and research on some topic previously approved by the professor in charge of the major subject. When such dissertation has been approved, it shall be printed by the candidate, and 100 copies shall be delivered to the Librarian of the University before the degree is conferred. For reasons of weight and on the recommendation of the department concerned, the Dean may suspend this requirement if the dissertation has been accepted by a reputable scientific journal and publication within a period of two years has been assured. The Dean may, when he deems it necessary, demand a financial guaranty of eventual publication. On the title-page of every such dissertation shall be printed the words, "Submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy, in the Faculty of —, Columbia University;" the full name of the author; the full title of the dissertation; the year and place of imprint, and, if a reprint, the title, volume, and pagination of the publication from which it was reprinted. There shall be printed and appended to each dissertation, in the form of a Vita, a statement of the place and date



of birth of the author, of the educational institutions that he has attended, and a list of the degrees and honors conferred upon him, as well as the titles of his previous publications.

Under the Faculty of Political Science, the dissertation is required to be printed before the final examination is held.

Under the Faculties of Philosophy and Pure Science, the dissertation is not required to be printed until after the examination of the candidate. Students should, however, at least three weeks prior to their examination, deposit three typewritten copies of the dissertation in the Dean's office for the inspection of the examiners.

The general examination for the degree of Doctor of Philosophy will not be confined to the courses which the candidate has attended in Columbia University or elsewhere, or even to the field covered by such courses. The candidate is expected to show a satisfactory grasp of his subject as a whole and a general acquaintance with the broader field of knowledge of which this subject forms a part.

### MASTER OF ARTS

A student regularly admitted to the University under the Faculties of Political Science, Philosophy, and Pure Science and accepted as a candidate for the degree of Master of Arts will be recommended for the degree after the following requirements have been satisfied:

1. The candidate shall have registered for and attended courses aggregating not less than thirty tuition points,<sup>1</sup> distributed over a period of not less than one academic year or its equivalent.
2. The candidate shall have satisfied the department of his choice that he has completed all the requirements specified by the department for the degree. These requirements may include the completion of courses and the assigned work in them, examinations, an essay, seminars, or other work prescribed by the department.

Students are advised to consult the divisional announcements and the administrative officers of the departments, under whom they are pursuing their studies, concerning the departmental requirements for the degree.

Candidates for the degree of Master of Arts in the Department of Education are under the jurisdiction of the Faculty of Education at Teachers College. (See the current *Announcement* of that Faculty.)

A candidate for the degree of Master of Arts in satisfying the requirement of residence may not offer in excess of fifteen tuition points courses which he also offers for a professional degree or for a certificate given in lieu thereof in any professional school belonging to the University or affiliated with it.

Each candidate for the degree of Master of Arts must file a formal application for the degree on a blank provided for the purpose, to be had of the Registrar. If the degree is to be conferred in February, the application must be filed with the Registrar on or before December 1; if in June, on or before March 1; if in October, on or before August 1. The last named date applies to candidates who shall complete the requirements of residence and attendance in the Summer Session then in progress. Diplomas are issued on the last Wednesday in February, on Commencement day, and on the last Wednesday in October, corresponding, respectively, to the foregoing dates of application.

<sup>1</sup> Students accepted as candidates for the degree prior to July 1, 1917, will be expected to complete a minimum residence requirement (exclusive of the essay or its equivalent) of twenty-eight tuition points instead of thirty. Courses completed by them prior to July 1, 1917, will be accepted at the rating of two points for a half course, four points for a full course, and eight points for a double course. Courses selected after that date will have the point rating assigned to them in the *Announcements*.

When an essay is required, it shall be submitted to the appropriate department at such time as the department may designate. If the essay is accepted, two typewritten or legibly written copies, together with a certificate of acceptance by the professor in charge, shall be deposited with the Registrar at least two weeks before the candidate expects to receive his degree. These copies must be written on 'Paragon Linen', 11 x 8½ inches in size, 20-pound weight, 4½ wove, a space of 1½ inches on the inner margin being left free from writing. The title-page shall contain the words: "Submitted in partial fulfilment of the requirements for the degree of Master of Arts in the Faculty of —, Columbia University."

An undergraduate who, at the beginning of any Session, is within twelve points of a Bachelor's degree may be permitted, with the approval of the appropriate Deans, to register for graduate courses not in excess of four tuition points with a view to offering them in part fulfilment of the requirement for residence for a second degree; if within eight points, courses not in excess of eight tuition points; if within four, not in excess of twelve. If such student afterwards matriculates as a candidate for the degree of Master of Arts, the graduate courses previously taken by him under this provision will be accepted in part fulfilment of the residence requirement for the degree.

On final certification by the Dean of the appropriate Faculty that all official regulations have been complied with, a candidate shall be recommended to receive the degree of Master of Arts for the satisfactory completion within a period of five years of an approved curriculum.

#### MASTER OF LAWS

Any student who has been graduated from an approved college or scientific school of collegiate rank, or who has successfully completed three years of undergraduate study in an approved college or scientific school, such course of study including satisfactory courses in Economics and in English and American History, and who has also successfully completed three years of study in an approved law school, and who shall thereafter during one year of residence at Columbia University satisfactorily complete a course of study approved by the Dean of the Faculty of Law shall be entitled to be recommended for the degree of Master of Laws.

#### MASTER OF SCIENCE

The degree of Master of Science is awarded as a graduate professional degree under the Faculty of Applied Science, the Faculty of Practical Arts, the School of Architecture, and the School of Business. For information with regard to candidacy for this degree application should be made to the Dean or Director of the Faculty or School concerned.

# TEACHERS COLLEGE

## FACULTY OF EDUCATION

President BUTLER.

Dean RUSSELL.

Director MONROE.

Professors BAGLEY, BAGSTER-COLLINS, BAKER, BIGELOW, BONSER, BRIGGS, CALDWELL, COOLEY, DEAN, DEWEY, DOW, FARNSWORTH, HILL, JOHNSON, KELLEY, KILPATRICK, LODGE, MCFARLANE, MCMURRY, MADDOX, MÉRAS, PEARSON, PRETTYMAN, RUGER, SMITH (D. E.), SNEDDEN, STEVENS, STRAYER, THORNDIKE (E. L.), TRABUE, UPTON (*Secretary*), WOOD, WOODBRIDGE, WOODHULL.

## FACULTY OF PRACTICAL ARTS

President BUTLER.

Dean RUSSELL.

Director BIGELOW.

Professors ABBOTT (A.), ANDREWS, BALLARD, BEMENT, BONSER, BROADHURST, CARPENTER, COOLEY, CORNELL, DOW, FALES, FARNSWORTH, GAMBRILL, GIES, GOODRICH, GOODSSELL, GUNTHER, LATHAM, LUCKE, MCFARLANE, NUTTING, ROSE, SHERMAN (H. C.), SPOHR, STEWART, UPTON (*Secretary*), VAN ARSDALE, VULTÉ, WEICK, WHITLEY, WINCHELL, WOOD.

Delegates to the University Council (See page 6).

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*General Statement.* Teachers College, founded in 1888, and chartered by the regents of the University of the State of New York in 1889, became, in 1898, a part of the educational system of Columbia University. The President of Columbia University is President, *ex-officio*, of Teachers College and the College is represented in the University Council by its Dean and representatives elected from its two Faculties. The College, meanwhile, maintains its separate corporate organization, and its Board of Trustees continues to assume entire financial responsibility for its maintenance. In 1912 the Trustees reorganized the faculty of Teachers College, establishing a Faculty of Education and a Faculty of Practical Arts. By this reorganization, Teachers College now consists of two Schools, the School of Education and the School of Practical Arts.

The buildings of Teachers College occupy the block directly north of the University Campus, bounded by 120th and 121st Streets, Amsterdam Avenue, and Broadway.

The Main Building, containing equipment for administration and instruction and the Bryson Library—the educational library of the University—is adjoined by the Milbank Memorial Building, housing a number of academic and technical departments and containing the Memorial Chapel; by the Macy Manual Arts Building, with its equipment for work in Fine Arts and Industrial Arts; and by the Household Arts Building. The Frederick Ferris Thompson Memorial Building, for the department of physical education, connects the Milbank Building on the west with the main building of the Horace Mann School. To the east of this group of buildings is Whittier Hall, the residence for the women students of the College. The new buildings of the Horace Mann School for Boys, a country day school, are located near Van Cortlandt Park.

The Speyer School is situated a short distance north of the College, on Lawrence Street, near Amsterdam Avenue. The Lincoln School, the new experimental school of Teachers College, which was opened in 1917, occupies buildings at 646 Park Avenue and at 56 East 67th Street.

*School of Education.* The School of Education affords opportunity for the advanced study of educational psychology and sociology, the history and philosophy of education, educational administration, vocational, religious, and rural education, and the various aspects of secondary, elementary, and kindergarten education. It also provides professional training, both theoretical and practical, for teachers of both sexes for secondary, grammar, and primary schools, and kindergartens; and offers preparation for advanced students for work as principals, supervisors, and superintendents of schools; as heads of academic or educational departments in normal and teachers' training schools, and of educational departments in colleges and universities. The School of Education is thus a professional school of Columbia University for the study of education and the training of teachers, taking academic rank with the Schools of Law, Medicine, Mines, Engineering, and Chemistry.

*Curricula.* Since July 1, 1914, the School of Education has been organized on a graduate basis offering graduate curricula for advanced students leading to the Teachers College diplomas in teaching, and to the degrees of Master of Arts and Doctor of Philosophy with a major subject in education. Such curricula provide work in educational psychology, the history and the philosophy of education, educational sociology, educational administration, vocational, religious, and rural education, secondary education, elementary and kindergarten education, and in research in the methods of teaching the various academic subjects, supplemented by courses in other parts of the University. Teachers College diplomas are awarded to those who demonstrate professional fitness as instructors in education in colleges and universities, as supervisors, principals, and superintendents of schools of all grades, as heads of academic or education departments in normal and teachers' training schools, and as teachers in secondary schools. Courses in education may also be counted as minor subjects toward the advanced degrees, by students primarily registered in some other part of the University.

The Horace Mann Schools, maintained by Teachers College, with a complete organization covering the work of the kindergarten, elementary school, and junior and senior high school, offer exceptional advantages for the study of the practical work of teaching and for the investigation of educational problems. These schools now have an attendance of over 1,150 pupils.

The Speyer School, in connection with Public School No. 43, is conducted as an experimental school under the Board of Education of New York City, in cooperation with Teachers College.

The Lincoln School, established in 1917, is maintained by the General Education Board in cooperation with Teachers College. The school exists for the purpose of conducting modern experiments in education.

*School of Practical Arts.* The School of Practical Arts was established to provide in the University system a new type of collegiate education, uniting liberal with technical training, and to prepare special teachers of such technical subjects as household arts, industrial arts, fine arts, music, physical education, and nursing.

The School offers to both men and women, who have completed a secondary school course, a program of study four years in length, equivalent in standards of admission and graduation to the traditional college course in letters and science. It includes in its program general cultural subjects, by which any particular curriculum may be enriched and extended, and offers, therewith, a broad and generous technical training, based on adequate instruction in science or the arts, by which the student may receive



a high type of vocational preparation in the varied fields falling within the scope of the School—in industrial arts, household arts, dietetics, institutional work, public health, fine arts, the art industries, music, and physical training.

The School of Practical Arts is organized as a School of full University grade parallel to the Colleges of the University; it enjoys all the privileges of University membership, and its graduates receive the credentials of the University.

*Admission.* Students holding a diploma of graduation from an approved high or secondary school are admitted to the School of Practical Arts on certificate from the principal, provided the high school course has covered four years' work and has included certain fundamental courses in English, history, or foreign languages, and mathematics or science.<sup>1</sup> Application for admission should be made as far in advance of the desired time of entrance as is practicable, and must include statements from responsible persons that the candidate possesses the qualities of health, character, scholarship, and serious purpose required for successful work in the School of Practical Arts. The application should be made on a blank form which will be sent on request. Candidates similarly vouched for may also be admitted on examination of the College Entrance Examination Board or the University Committee on Admissions of Columbia University, or on credentials from the Department of Education of the State of New York.

The School reserves the right to restrict admission to the freshman year to the number of 150, and to select these according to merit.

Advanced standing may be granted to students who have completed, in a college, technical school, normal school, or training school, courses in advance of high school graduation. Application for admission to advanced standing should be made on a blank form which will be sent on request. For further information in reference to the requirements for admission see page 178.

*Program.* The courses of study leading to the bachelor's degree occupy four years of work (124 points), for which the usual secondary school education is a required preparation. During the four years of study, approximately one-third of the student's time must be spent in general academic subjects (45 points), approximately one-third in technical subjects and professional training (45 points); the remainder (except for four required points in hygiene and physical training) of the 124 points needed for the degree must be distributed, according to the needs of the students, in either the general or the technical field. The program of study thus requires of all students a certain amount of fundamental general training in academic studies, but allows a freedom of election beyond the minimum requirements; it offers freedom of election in the choice of a group of studies of major interest, but requires systematic and progressive study in the group elected. A two-year professional curriculum leading to the degree of Bachelor of Science and preparing for teaching the Practical Arts is also offered to students who enter with two years of professional, technical, or collegiate training beyond high school. For detailed information, see the current *Announcement of the School of Practical Arts*, which may be had from the Secretary of the University.

*Degrees.* The successful completion of the four years' course of study is recognized by the conferring by Columbia University of the degree of Bachelor of Science.

Graduate students in the field of practical arts are received into the various departments of Teachers College as candidates for the degree of Master of Arts, Master of Science, or Doctor of Philosophy.

#### SCHOLARSHIPS, PRIZES, AND HONORS (See page 281)

<sup>1</sup> All candidates for admission are required to offer 15 units, to include: English, 3 units; mathematics or science, 2 units; foreign languages or history, 2 units; electives, 8 units.

# BARNARD COLLEGE

## FACULTY

President BUTLER.

Dean GILDERSLEEVE.

Provost BREWSTER.

Acting Provost CRAMPTON.

Professors BALDWIN, BRAUN, CHADDOCK, COLE, CRAMPTON, DUDLEY (G.), GERIG, GIDDINGS, GREGORY (L. H.), HAZEN, HIRST, HOLLINGWORTH, HUBBARD, HUTTMAN, JACOBY, JONES, KASNER, KELLER, KNAPP, LOISEAUX, LORD, MCCREA, MALBY, MONTAGUE, MOORE (H. L.), MULLER, MUZZEY, OGILVIE, PERRY, REIMER, RICHARDS, ROBINSON, SHOTWELL, THOMAS (C.), TRENT, VAN HOOK, WEEKS (M. F.), WEEKS (R.).

For other officers who may give instruction to students of Barnard College, consult the several departmental statements.

Delegates to the University Council (See page 6).

*General Statement.* In 1883 the Trustees of Columbia College offered degrees to women who should be able to pass the necessary examinations, without, however, providing instruction for them. The resulting system, called the Collegiate Course for Women, proved unsatisfactory to both parties. Barnard College was, therefore, organized in 1889 to provide instruction for women which should be identical with or equivalent to that provided by Columbia for men.

For eleven years it duplicated for women as far as possible the curriculum of Columbia College, and also registered for graduate work under the University Faculties women who held the bachelor's degree from institutions of good standing. Its instructors were members of the University staff. Examinations for entrance, those given in course, and those for degrees, were conducted by Columbia University. During the first three undergraduate years separate instruction was given to women; in the senior year they were admitted to certain courses in the University. Graduate students attended many courses at the University under the Faculties of Philosophy, Political Science, and Pure Science, the laboratory work in science being done at Barnard College.

The numerical growth of Barnard College made inappropriate, however, the informal arrangement for instruction which was the natural method at the outset, and it became necessary to recognize formally the status which had gradually come into existence. An agreement was accordingly entered into in January, 1900, by which Barnard was included in the University system. Barnard is now an independent college for women with a corporation and a faculty of its own vested with all the powers commonly belonging to such bodies. At the same time, it shares the library, the instruction, and the degrees of Columbia University.

A more exact idea of the relations between Barnard College and Columbia University and also of the relations between Barnard College and Teachers College is to be found in the current *Announcement of Barnard College*. This may be obtained without charge upon application to the Secretary of Barnard College.

### ADMISSION (See Table of Contents)

*Probation.* A candidate for admission who has not secured the prescribed 15 units may be admitted to the freshman class with conditions, if in the judgment of the Committee on Admissions she is qualified to undertake the work of the class. General deficiency in any prescribed subject will disqualify for admission. Except for reasons of weight, a student who has failed to complete a course in a good high school or preparatory school will not be admitted with conditions.

A student admitted conditionally or by credentials from another college or from the State Education Department will be held under probation during the first winter or spring session of residence. For a detailed statement regarding the conditions of probation, see the current *Announcement of Barnard College*.

*Advanced Standing.* See the "Requirements for Admission to Advanced Standing in Columbia College."

In addition, the credits granted in any subject to a student admitted with advanced standing may be withdrawn or diminished in amount if, in pursuing such subject, after admission to Barnard College, the student proves that the granting of the credits was wholly or in part unwarranted by her previous work.

No student may receive a degree who has resided less than two full sessions (winter or spring) at Barnard College.

No applicant will be allowed to enter the senior class as a candidate for a degree after October 15 in any year.

*Special Students.* Candidates for admission as special students must make application in writing at least one week before the first day of the entrance examinations in September or in January. Proper blanks for this purpose may be obtained from the Secretary.

Special students in Barnard College are of two classes: matriculated and non-matriculated.

Matriculated special students are women who wish, without taking a degree, to make a serious study of some subject or group of subjects. They must pass the regular examinations for admission to the freshman class and have full credit for 15 units of the entrance requirements. They may, therefore, in event of a change of plan be credited with such of their courses as may coincide with the courses leading to a degree.

Non-matriculated special students must be women of mature age who wish to pursue chiefly advanced courses of special study. They may be admitted at the discretion of the Committee on Admissions without passing formal entrance examinations, but must furnish proof that they have at some time pursued the studies included in the matriculation examinations and must satisfy the requirements of the department that they desire to enter. Candidates desiring to pursue merely elementary courses, as in languages, etc., will not be admitted as non-matriculated special students. Ordinarily, no work done by a non-matriculated special student may count toward a degree.

Information regarding the regulations governing the election of studies, amount of work, attendance, examinations, etc., of special students is contained in the current *Announcement of Barnard College*.

*Matriculation, Registration, Fees.* Detailed information regarding matriculation, registration, and fees will be found in the current *Announcement of Barnard College*.

#### DORMITORY (See page 64)

*Program of Studies.* Upon completion of a curriculum arranged according to the plan to be described below, the student is recommended by the Faculty of Barnard College for the degree of Bachelor of Arts.

Beginning with the class entering in September, 1919, the following new curriculum will go into effect, taking the place of the old literary course leading to the A.B. degree and the natural science course leading to the B.S. degree:

|                                     |          |
|-------------------------------------|----------|
| Economics A . . . . .               | 6 points |
| English A . . . . .                 | 6 points |
| English X . . . . .                 | 0 points |
| History A . . . . .                 | 6 points |
| Mathematics A . . . . .             | 6 points |
| Psychology A <sup>1</sup> . . . . . | 3 points |
| Philosophy A <sup>1</sup> . . . . . | 3 points |

<sup>1</sup> Or, on recommendation of the department, Philosophy 61-62.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Zoology C . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 points    |
| Botany, Chemistry, Geology, Physics, Experimental Psychology, or Zoölogy . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8 points    |
| Classical Language, Literature, Civilization, History, Art, or Philosophy, depending on the units in classics offered for admission . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6-12 points |
| A sound reading knowledge of French or German. Students must demonstrate to the Department of Romance Languages or the Department of Germanic Languages (a) their ability to read at sight either French prose or German prose of ordinary difficulty, and (b) their ability to understand spoken French or spoken German and to use the language in expressing connected ideas. In addition to the foregoing requirements students must have such sound acquaintance with one other foreign language, ancient or modern, as would be equivalent to not less than 3 entrance units in the language, such proficiency to be determined by entrance examinations, by special tests, or by specific College courses, recommended for that purpose by the departments concerned under the approval of the Faculty. |             |
| Major subject . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24 points   |
| Electives, distributed according to certain rules and including a minor of 12 points, to complete a total of . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 120 points  |
| Physical Education, prescribed for all students during their period of residence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |

*Preparation for Professional Schools.* Students who intend to transfer to professional schools are of two classes, those who leave Barnard at the end of the sophomore year, without candidacy for the Bachelor of Arts degree, and those who at the end of the junior year wish to take advantage of the 'combined course', counting the first year of an approved professional school in place of the senior year at Barnard.

Barnard students intending to transfer to professional schools without candidacy for the degree of Bachelor of Arts are required to take English A, English X, Physical Education throughout their stay at Barnard, and such other courses as are appropriate in preparation for the professional school to which the transfer is to be made.

Barnard students intending to enter approved professional schools after three full years of work at Barnard College may substitute the first year of the professional schools for the senior year at college and, on satisfactory completion thereof, become candidates for the degree of Bachelor of Arts, provided that, before such transfer is made, 90 points of work, including all prescribed work, 18 points of the major subject and electives distributed according to certain rules, have been satisfactorily completed.

*University Courses.* Certain courses in the School of Architecture and the Department of Music and in Teachers College are open to regular students registered in Barnard College. Certain graduate courses in Columbia University under the Faculties of Political Science, Philosophy, Pure Science, and Education, and other courses in the Union Theological Seminary and the New York School of Philanthropy are open to specially qualified Barnard seniors.

After two years of collegiate work in Barnard a student may transfer without examination to the School of Architecture as a candidate for the degree of Bachelor of Architecture, to Teachers College as a candidate for the degree of Bachelor of Science in Practical Arts, to the School of Business as a candidate for the degree of Bachelor of Science, or to the School of Journalism as a candidate for the degree of Bachelor of Literature; after three years (or two in exceptional cases) to the College of Physicians and Surgeons as a candidate for the degree of Doctor of Medicine.

Detailed information in regard to these opportunities will be found in the announcements of Barnard College and the other schools concerned.



# SCHOOL OF ARCHITECTURE

## ADMINISTRATIVE BOARD (See page 9)

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## Delegate to the University Council (See page 6)

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The School of Architecture of Columbia University is a professional school for men and women designed to train its graduates for the active practice of architecture. Founded in 1881, under the direction of Professor William R. Ware, as a department of the School of Mines (now the Faculty of Applied Science), it was in 1902 made an independent school.

It receives two classes of students: (1) Candidates for the degree of Bachelor of Architecture, who must give evidence of having completed two years of academic study in a recognized college. The curriculum offered to such students is of indeterminate duration but may generally be covered in four years. (2) Candidates for the degree of Master of Science in Architecture. Candidates for this degree must be graduates of this School of Architecture or of a school of architecture maintaining equivalent courses, and are required to spend not less than one academic year upon work assigned by the Administrative Board of the School of Architecture.

*Building and Equipment.* In 1912 the School of Architecture took possession of its present quarters in Avery Hall, erected in memory of the late Samuel P. Avery, a benefactor of the University, and of his son, the late Henry O. Avery, an architect, to accommodate the Avery Architectural Library and the School of Architecture. Three floors of the building are occupied by the School.

The Avery Architectural Library, consisting of about 25,000 volumes relating to architecture and the allied arts in the country, occupies the ground floor of the building, and is open to the public daily (except Sundays and holidays) from 9 a. m. to 6 p. m., and on Wednesdays until 10 p. m. Its material is available for the purposes of study and illustration in the School, whose students are freely admitted to its alcoves without restriction upon the use of documents for drawing, tracing, and photographing.

In addition to this the School possesses, in its own departmental library, a collection of about 18,000 photographs and several hundred books, a classified library of many thousands of prints and plates, and a large number of original drawings from various sources. The equipment of illustrative material furthermore comprises 16,000 lantern slides of architectural subjects, a fine collection of casts of architectural details, including a large number from ancient and modern Roman buildings, the gift of the late Charles F. McKim, and several valuable models of buildings and of structural details. A smaller working library of books of constant reference, plates, and periodicals, is maintained in conjunction with the drafting-rooms on the upper floors.

Periodic exhibitions of both student and graduate work are held by the School of Architecture. The current work of students in residence, illustrating progressive accomplishments during four years, is hung in the exhibition room and corridors of Avery Hall.

Important collections of sculpture, painting, engraving, and the minor arts are frequently shown in the Avery Architectural Library, and in addition there are bibliographic and educational exhibitions in the University Library and at Teachers College.

The Willard collection of architectural casts and models in the Metropolitan Museum of Art is open every day and two evenings in the week, and is very useful for illustrating the historic styles and sketching cards granting certain additional privileges in the Museum are issued to students.

The other collections of the Metropolitan Museum of Art and those of the American Museum of Natural History furnish much admirable illustrative material; while the building activity of the city forms a chronicle of architectural progress in design and construction, governmental, domestic, monumental, ecclesiastic, and commercial.

*Admission.* Except by special action of the Committee on Admissions, regular students under eighteen are not admitted. For regulations governing admission to the course for the Bachelor's degree in Architecture and for the degree of Master of Science in Architecture, see Table of Contents.

In general, all courses in the School of Architecture begin in September and run through the year, although the two Sessions are separately marked. It is, therefore, extremely difficult to make adequate arrangements for students who wish to enter in February.

Students desiring to enter with credit for courses pursued in other institutions must make application in writing to the Curator of the School of Architecture in time to reach him one month before the beginning of registration (see Academic Calendar). The general regulations as to documents to be submitted and as to the acceptance of certificates are the same as for the Schools of Mines, Engineering, and Chemistry.

FEES (See page 58)

FELLOWSHIPS AND SCHOLARSHIPS (See page 281)

*Examinations.* Regular examinations in each course are held at the end of each half-year. All other examinations, except examinations for admission to advanced standing are special examinations, for which the statutory fee of \$5 is charged (see page 59) For the dates of the various examinations see the Academic Calendar. Absence from any regular or delinquent examination for which a student is registered is regarded as a failure. A student who fails to attend any mid-year examination will be excluded from the second term in that subject, except for reasons of weight. Those for whom exceptions are made will be required to take the corresponding deficiency examinations during the stated September deficiency examination period.

Students who do not pass or are debarred from a regular mid-year or final examination must remove such deficiency at the September delinquent examinations, failing which they must repeat the course concerned. Students will be debarred from examinations for excessive absence from lectures or failure to complete collateral work. They may for the same reasons be excluded from any course at the middle of any term.

*Bachelor of Architecture.* 1. Candidates for admission to this course must give evidence of having successfully completed the equivalent of two years of academic studies in a recognized college. Mathematical studies pursued in anticipation of those prescribed in the School of Architecture may be included in such collegiate preparation, and students are advised to carry these studies if possible through the Calculus. The required collegiate preparation must include the equivalent of the elementary French used for admission to Columbia College. Candidates must also show a practical knowledge of freehand drawing.

2. In case of studies pursued elsewhere than in a recognized college, and offered by the candidate as an equivalent for any part of the college preparation, the Administrative Board of the School will determine each equivalent upon its merits.

3. Through the cooperation of the Staff of the School of Architecture and the Committee on Instruction of Columbia College, a program for a combined course of six years has been arranged. Its object is to enable students in Columbia College to begin the study of architecture early in their college course and to obtain unbroken training in this field until they receive the professional degree. Upon completing the fourth year of this curriculum students receive the degree of Bachelor of Arts and at the end of the whole course, the degree of Bachelor of Architecture. The combined course has decided advantages in soundness of preparation and breadth of culture and it is earnestly

commended to young men in preparatory schools who look forward to the study of architecture. Copies of this program may be obtained on application to the Curator of the School or to the Dean of Columbia College.

*Program of Studies.* A student receives his degree when he has satisfied the requirements of the courses scheduled below.

Not more than 16 points, exclusive of Elements of Architecture or Design, may be taken in any term, except by authority of the Committee on Instruction of the School.

In connection with this schedule of required work it should be understood that students credited with advanced standing on the basis of work done in other institutions, as well as others especially qualified, may in any year undertake in part the work of more advanced years subject to the restriction stated above.

#### SCHEDULE OF PRESCRIBED COURSES

|                                                                                                             |                  |
|-------------------------------------------------------------------------------------------------------------|------------------|
| Elements of Architecture ( <i>A 1</i> ) . . . . .                                                           | 6 points         |
| Applied Elements ( <i>A 2</i> ) . . . . .                                                                   | 8 points         |
| Shades and Shadows ( <i>A 5</i> ) . . . . .                                                                 | 4 points         |
| Descriptive Geometry ( <i>A 6</i> ) . . . . .                                                               | 4 points         |
| Perspective ( <i>A 7</i> ) . . . . .                                                                        | 3 points         |
| Stereotomy ( <i>A 8</i> ) . . . . .                                                                         | 2 points         |
| Mechanical Equipment of Buildings ( <i>A 11</i> ) . . . . .                                                 | 3 points         |
| Specifications ( <i>A 12</i> ) . . . . .                                                                    | 3 points         |
| Building Materials and Construction ( <i>A 15, 16</i> ) . . . . .                                           | 6 points         |
| Architectural Engineering ( <i>A 17, 18</i> ) . . . . .                                                     | 6 points         |
| History of Architecture ( <i>A 21, 22, 23, 24, 25, 26</i> ) . . . . .                                       | 12 points        |
| Historic Research ( <i>A 27, 28</i> ) . . . . .                                                             | 4 points         |
| History of Ornament ( <i>A 31, 32, 33, 34, 35, 36</i> ) . . . . .                                           | 12 points        |
| Decorative Arts ( <i>A 42</i> ) . . . . .                                                                   | 3 points         |
| Principles of Planning ( <i>A 51</i> ) . . . . .                                                            | 2 points         |
| Principles of Composition ( <i>A 52</i> ) . . . . .                                                         | 2 points         |
| Principles of Composition, Advanced ( <i>A 54</i> ) . . . . .                                               | 2 points         |
| Design, Elementary, Intermediate, Advanced, and Thesis<br>( <i>A 61-62, 63-64, 65-66, 67-68</i> ) . . . . . | 64 points        |
| Drawing and Modeling ( <i>A 71, 72, 73, 74, 75, 76, 77, 78, 80</i> ) . . . . .                              | 18 points        |
| History of Painting ( <i>A 92</i> ) or<br>History of Sculpture ( <i>A 94</i> ) . . . . .                    | 3 points         |
| Summer Work ( <i>A 72a or 74a or 76a</i> ) . . . . .                                                        | 2 points         |
| Mathematics (Math. <i>I, 4, 55</i> ) . . . . .                                                              | 9 points         |
| Mechanics (Mech. <i>9</i> ) . . . . .                                                                       | 3 points         |
|                                                                                                             | <hr/> 181 points |

Certain additional courses under the Faculties of Applied and of Pure Science may also be elected by qualified students.

Students in the School of Architecture who desire to be candidates for the degree of Master of Arts or Doctor of Philosophy are subject to the general provisions for those degrees (see Table of Contents).

The degree of Master of Science is awarded as a graduate professional degree in the School of Architecture. For information with regard to candidacy for this degree application should be made to the Acting Director of the School.

Graduates of this School and of other schools of architecture maintaining equivalent courses are admitted to the graduate courses in Design and Construction, whether candidates for the higher degrees or not.

The courses in architecture open to candidates for the higher degrees are those numbered above 100 in the departmental statement.

Evening courses in Architecture leading to a certificate are offered under Extension Teaching.

## COLUMBIA UNIVERSITY SCHOOL OF ARCHITECTURE SCHEDULE OF ATTENDANCE

|    | <i>Monday</i>                                                                                                                            | <i>Tuesday</i>                                                                                                                    | <i>Wednesday</i>                                                                                             | <i>Thursday</i>                                                                                                                                  | <i>Friday</i>                                                                                                                            |
|----|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 9  | Math. 1 (214 Hm.)<br>Math. 55 (203 Hm.)                                                                                                  | Med. Arch. A. 23 (=23, 24)<br>(408)<br>Drawing A. 71 (504)<br>Drawing A. 72 (502)<br>Med. Arch. A. 123 (=123,<br>124) (408)       | Math. 1 (214 Hm.)<br>Math. 55 (203 Hm.)<br>Stereotomy A. 8 (408)                                             | Med. Arch. A. 23 (=23, 24)<br>(408)<br>Drawing A. 71 (504)<br>Drawing A. 72 (502)<br>Med. Arch. A. 123 (=123,<br>124) (408)                      | Math. 1 (214 Hm.)<br>Math. 55 (203 Hm.)                                                                                                  |
| 10 | Math. 4 (402 Hm.)<br>Mech. A. 1 (510 F.)<br>Specifications A. 12 (403)<br>Mech. Equip. of Bldgs.<br>A. 12 a (403)                        | Drawing A. 71 (504)<br>Drawing A. 72 (502)                                                                                        | Math. 4 (402 Hm.)<br>Mech. A. 1 (510 F.)<br>Specifications A. 12 (408)<br>Anc. Ornt. A. 31 (=31-32)<br>(408) | Mech. Equip. of Bldgs.<br>A. 12 a (=11) (403)<br>Drawing A. 71 (504)<br>Drawing A. 72 (502)                                                      | Math. 4 (402 Hm.)<br>Mech. A. 1 (510 F.)<br>Mech. Equip. of Bldgs.<br>A. 12 a (A 11) (403)                                               |
| 11 | Shades and Shadows A. 5<br>(407)<br>Desc. Geom. A. 6 (407)<br>Arch. Eng. A. 18 (=17, 18)<br>(403)<br>Med. Ornt. A. 33 (=33, 34)<br>(401) | Dec. Arts A. 42 (407)<br>Anc. Hist. A. 21 (401)<br>Prin. of Plan and Comp.<br>A. 51, 52 (407)<br>Anc. Hist. A. 12 (=121)<br>(408) | Shades and Shadows A. 5<br>(407)<br>Desc. Geom. A. 6 (407)<br>Arch. Eng. A. 18 (=17-18)<br>(403)             | Arch. Eng. A. 18 (=17, 18)<br>(403)<br>Anc. Hist. A. 21 (401)<br>Prin. of Comp. A. 54 (407)<br>Anc. Hist. A. 121 (408)<br>Dec. Arts. A. 42 (407) | Shades and Shadows A. 5<br>(407)<br>Desc. Geom. A. 6 (407)<br>Arch. Eng. A. 18 (=17,<br>18) (403)<br>Med. Ornt. A. 33 (=33,<br>34) (408) |
| 1  | Bldg. Mat. A. 16 (=15, 16)<br>(403)<br>Med. Arch. A. 23 (=23, 24)<br>(408)<br>Med. Arch. A. 123 (=123,<br>124) (408)                     | Perspective A. 7 (408)                                                                                                            | Anc. Ornt. A. 31 (=31)<br>(408)<br>Bldg. Mat. A. 16 (=15, 16)<br>(403)                                       | Perspective A. 7 (408)<br>Bldg. Mat. A. 16 (=15, 16)<br>(403)                                                                                    | Bldg. Mat. A. 16 (=15,<br>16) (403)<br>Med. Arch. A. 23 (=23,<br>24) (408)<br>Med. Arch. A. 123 (=123,<br>124) (408)                     |
| 2  | Drawing A. 73 (504)<br>Drawing A. 74 (504)<br>Modeling A. 80 (202)                                                                       | Elements A. 1 (407)<br>Drawing A. 75 (502)<br>Drawing A. 76 (504)<br>Drawing A. 77 (701)<br>Drawing A. 78 (701)                   |                                                                                                              | Drawing A. 76 (504)<br>Drawing A. 77, 78 (701)<br>Drawing A. 75 (502)                                                                            | Drawing A. 73 (504)<br>Drawing A. 74 (504)<br>Modeling A. 80 (202)                                                                       |
| 3  | Drawing A. 73 (504)<br>Drawing A. 74 (504)<br>Modeling A. 80 (202)                                                                       | Drawing A. 75 (502)<br>Drawing A. 76 (504)<br>Drawing A. 77 (701)<br>Drawing A. 78 (701)                                          |                                                                                                              | Drawing A. 75 (502)<br>Drawing A. 76 (504)<br>Drawing A. 77, 78 (701)                                                                            | Drawing A. 73 (504)<br>Drawing A. 74 (504)<br>Modeling A. 80 (202)                                                                       |

All hours not otherwise assigned after 1:10 p. m. are devoted to Design (A. 61-62, 63-64, 65-66, 67-68), and to Elements of Architecture (A. 1, 2). Courses not indicated by odd and even numbers are assigned to Winter and Spring Sessions, respectively. Numbers in parentheses indicate rooms in Avery Hall. Hm. signifies Hamilton Hall. Students finding conflicts in their schedules should consult Curator EACH.



# COLLEGE OF PHARMACY

## FACULTY

President BUTLER.

Dean RUSBY.

Professors ARNY, BALLARD, BASTEDO, CHANDLER, COBLENTZ, CURTIS, DIEKMAN, GIES, HOSTMANN, JESSUP, PACE, and WIMMER.

## OTHER OFFICERS OF INSTRUCTION

M. WOLFSON, Ph.G., *Instructor in Pharmacy*; C. B. COUCHMAN, C.P.A., *Instructor in Accounting*; JOHN M. WILLIAMS, Phar.D., *Instructor in Analytical Chemistry*; FANCHON HART, Ph.G., *Instructor in Materia Medica*; JOHN T. KENNEDY, LL.B., *Instructor in Law and Accounting*; HUGO H. SCHAEFER, Phar.D., *Instructor in Chemistry*.

Delegate to the University Council (See page 6).

*General Statement.* The College of Pharmacy of the City of New York, founded in 1829, chartered in 1831, and recognized in 1879 by the Regents as part of the University of the State of New York, became a member of the educational system of Columbia University on July 1, 1904. The President of the University is *ex-officio* President of the College of Pharmacy, and the College is represented in the University Council by its Dean, who is appointed by the Trustees of the College of Pharmacy on the nomination of the President. The College, however, maintains its separate corporate organization, and its Trustees continue to provide for its financial support.

The College is situated at 115 West 68th Street, near Columbus Avenue, in an especially well-equipped building erected in 1894.

The College of Pharmacy is thus the professional school of Columbia University for Pharmacists, Pharmaceutical Chemists, Bachelors of Science in Pharmacy, and Doctors of Pharmacy and, as well, a valuable addition to the University's resources for teaching and research in botany, chemistry, pharmacy, and materia medica.

*Admission.* Candidates for admission will be examined either at the Regents' examination, or at the January and September entrance examinations of Columbia University, or of the College Entrance Examination Board, held in June of each year (see page 178).

*College Course.* The College Course of two years leading to the degree of Graduate in Pharmacy is open only to persons holding the Qualifying Certificate for a Pharmacy Student, granted by the State Education Department for thirty Regents' counts or their equivalent.

*University Course.* The University Course of four years, leading in three years to the degree of Pharmaceutical Chemist and in four to that of Bachelor of Science in Pharmacy is open only to persons who have completed a four-year approved course in a registered high school of New York State or who have passed the Entrance Examinations of the Regents of New York State, or of course in a registered high school of New York State or who have passed the Entrance Examinations of Columbia University or the College Entrance Examination Board.

*Program of Study.* 1. A College Course, consisting of two years, leading to the degree of Graduate in Pharmacy, conferred by the College independent of the University, and qualifying the graduate to meet any examination for the position of licensed pharmacist.

The work undertaken is as follows. First year, physics, general and pharmaceutical chemistry, analytical chemistry, practical pharmacy, dispensing pharmacy, botany, microscopy, physiology, poeology, and pharmaceutical accounting. Second year, organic chemistry, inorganic and organic pharmaceutical chemistry, and analytical chemistry, practical pharmacy, dispensing pharmacy, materia medica, toxicology, microscopical pharmacognosy, microscopical pharmacognosy.

2. A University Course of four years, the first three of which lead to the degree of Pharmaceutical Chemist, conferred by the University. The work undertaken in this course differs from that of the College Course in being of a somewhat more advanced character, and in being pursued through the full academic year. It includes instruction in general biology and bacteriology and a laboratory course in physics. In addition to the studies of the College Course. The fourth year leads to the degree of B.S. in Pharmacy. The work for this year includes micro-analysis, plant analysis, and physiological chemistry, as well as advanced work in all departments.

3. A third or Graduate Course of two years leads to the degree of Doctor of Pharmacy.

The work of the Graduate Course is arranged on the same plan as that leading to the degree of B.S. in Pharmacy, and occupies not less than forty hours weekly throughout the entire academic year, a fraction of this work being elective.

The purpose of this course is the training of men and women for the higher duties of pharmaceutical and allied service, such as pharmaceutical and commercial analysis, food and drug inspection, and commissionship and pharmaceutical teaching.

The baccalaureate degree, secured on equal terms with that conferred in other professions, confers equal privileges therewith, except as to the number of units of work performed. A holder of this degree desiring to transfer his activities to another profession, or to study for a higher degree, will be credited in such course with the number of units pertaining to his Bachelor of Science in Pharmacy Course, and his standing up to this point is the same as that secured in other baccalaureate departments.

4. A Summer Preparatory Course of twelve weeks is provided for those who, for any reason, require training in special subjects.

5. Evening courses of instruction are offered for the benefit of special students, and for any of our regular students who for any reason may desire the instruction. These courses cannot, at least for the present, take the place of any instruction of the regular course, leading to any of our degrees. Certificates will be awarded to those who successfully pursue these evening courses.

6. A number of special courses of instruction have also been established, partly for the benefit of those regular students who desire, for any reason, to specialize in certain lines of work, and partly to provide instruction in individual departments for those who do not desire to take the full course. Certificates, but not diplomas, are awarded to such students. These special courses of instruction are in pharmacognosy, chemical analysis, advanced inorganic and organic chemistry, and practical pharmacy.

*Method.* During the four undergraduate years the instruction occupies three days of the week, the alternate days being free for practical experience in the pharmacy. This arrangement provides a means of paying the expenses of a majority of students.

Many students, under the advice of the Faculty, prefer to devote their entire time to college work. For those so desiring additional instruction is provided.

In addition to lectures and laboratory work, a series of recitations or quizzes, by a corps of qualified instructors, is given to the classes, in small sections.

# SCHOOL OF JOURNALISM

ADVISORY BOARD (See page 11)

ADMINISTRATIVE BOARD (See page 1)

Delegation to the University Council (See page 1)

*Aims.* The aim of the School of Journalism is to train for and attract to the journalistic profession young men of character and ability and to help those already engaged in the profession to acquire the highest moral and intellectual training. It is the object of the School to make better journalists, who will make better newspapers, which will better serve the public.

*Building.* The building for the use of the School of Journalism is on the southeast corner of Broadway and Sixth Street; the external dimensions are 104 feet 8 inches by 33 feet 10 inches, with a height of five stories and basement. The entrance is on the south front, consisting of three doors grouped under a portico and opening into a spacious vestibule in which are placed medallions of journalists, a bust of the late Joseph Pulitzer and a memorial inscription. The vestibule gives access to the administrative offices and a large lecture hall on the main floor; the library and newspaper reading-room are on the next floor; on the upper floors there are laboratories, typewriter rooms, small lecture-rooms, class-rooms, and studios numbering about thirty in all, and affording a total seating capacity of about 1,200.

*Admission.* Candidates for admission to the first professional year must be at least eighteen years of age at entrance and correspondingly older for advanced standing. A certificate of good moral character must be presented and, in the case of students from other colleges, of honorable dismissal.

For detailed statement of the requirements, both prescribed and elective, and a description of the ground covered by the examinations, see page 109.

*Advanced Standing.* Candidates for admission to advanced standing upon the basis of certificates of transfer from other colleges should fill out the appropriate application blank, to be obtained from the Secretary of the University, and file it with the Director of University Admissions before September 1.

*Non-matriculation.* Non-matriculated students may be admitted to the first professional year of the School at the discretion of the Director, if they have made sure of their fitness for professional studies by sound training in History, Economics, Politics and other fundamental subjects, submit evidence of maturity, experience in professional writing, or marked fitness for it. If they take the work prescribed for the degree of Bachelor of Literature for two years, they will be eligible for the certificate of proficiency only. Such students are expected to conform to the same standards of attendance and scholarship as are required of matriculated students. Applications should be made before September 1 to the Director of University Admissions on forms to be obtained from the Secretary of the University.

*Language Test.* The ability of students to read a French or German newspaper will be tested on their entrance to professional studies at the beginning of the second year. All students, whether admitted to advanced standing or not, must satisfy this requirement before admission to the B.Litt. degree. In special cases, Spanish or Italian may be substituted with the consent of the Director.

## SCHOOL OF JOURNALISM

## REGISTRATION (See page 58)

## FEES (See page 58)

## SCHOLARSHIPS AND PRIZES (See page 281)

*Program of Study.* The program of study for the degree of Bachelor of Literature in Journalism is as follows: (For significance of course numbers see page 00.)

Candidates for the degree who wish to specialize in some branch of journalism or to continue particular subjects will be allowed to substitute courses of equivalent credit for any of those given below on submission to the Director of an approved program before May 1. In preparing such a program they will have the assistance and advice of the members of the staff of the School.

Subject to the foregoing regulations, the satisfactory completion of the following studies, together with the successful passage of a language test in French or German, consisting of a written examination in sight translation of extracts from current French or German newspapers is required for the B.Lit. degree. Italian or Spanish may be substituted, with the consent of the Director.

The course consists of two years of collegiate studies and two years of professional studies.

Candidates for admission to the course in Journalism will be admitted after an examination and inquiry into their general intelligence, moral character, and fitness for the work of the course, and without any requirement of previous collegiate courses; but they are recommended to make sure of their fitness for the professional instruction in Journalism by getting sound training in History, English, Economics or Politics, Natural Science, and French or German, at a college or scientific school of recognized excellence. Their fitness in these subjects will be tested by special examinations in cases where a college course has not been taken, and they will also be required to show that they possess proficiency in Typewriting.

Candidates who have completed in recognized institutions at least two years of acceptable college work, including:

- (a) Two years' work in English, with regular practice in writing, or two years in classics.
- (b) One year each of: Natural Science, Modern Language in advance of the intermediate admission requirement, Politics or Economics, General European or American History, and who have passed the Foreign Language and Typewriting tests, may be admitted to the course in Journalism subject to the provisions set forth in the first paragraph of this section as candidates for the degree of B.Lit. in Journalism. Students who have not completed two collegiate years of work as specified above will be eligible for the certificate of proficiency only.

Students taking work in Columbia College or in the Extension courses of the University with a view to entering the School of Journalism are advised to elect the following courses:

## FIRST COLLEGIATE YEAR

|                               |           |
|-------------------------------|-----------|
| English A . . . . .           | 6 points  |
| French J1-J2 or               |           |
| German J1-J2 . . . . .        | 6 points  |
| Natural Science 1-2 . . . . . | 6 points  |
| Politics 1-2 . . . . .        | 6 points  |
| History A1-A2 or              |           |
| History A9-A10 . . . . .      | 6 points  |
| Physical Education . . . . .  | 4 points  |
|                               | <hr/>     |
|                               | 34 points |



## SECOND COLLEGIATE YEAR

|                                      |                 |
|--------------------------------------|-----------------|
| English <i>B1-B2</i> . . . . .       | 4 points        |
| English <i>B5-B6</i> . . . . .       | 4 points        |
| French <i>J3-J4</i> or               |                 |
| German <i>J3-J4</i> . . . . .        | 6 points        |
| Economics <i>1-2</i> . . . . .       | 6 points        |
| History <i>65-66</i> or              |                 |
| History <i>53-54</i> . . . . .       | 6 points        |
| Natural Science <i>3-4</i> . . . . . | 6 points        |
|                                      | <hr/> 32 points |

Students in Columbia College who plan to devote five years to taking the combined A.B. and B.Lit. degrees (which is strongly recommended) should distribute the above courses over three years, and add to them Mathematics *A* (required), Philosophy *A* (required), History *19-20*, and other electives.

Students in other colleges who plan to enter the School of Journalism as candidates for the B.Lit. in Journalism are recommended to follow the above arrangements so far as may be practicable.

Candidates for the degree who wish to specialize in some branch of Journalism or to continue particular subjects will be allowed to substitute courses of equivalent credit for any of those of the second professional year on submission to the Director of an approved program, to be filed before May 1 of the preceding year. In preparing such a program they will have the assistance and advice of the members of the staff of the School.

Subject to the foregoing regulations, the satisfactory completion of the following courses, together with the language test above mentioned, is required for the B.Lit. degree or for the certificate of proficiency:

## FIRST PROFESSIONAL YEAR

|                                                                             |                 |
|-----------------------------------------------------------------------------|-----------------|
| Journalism <i>31-32</i> (Introductory Technical Course) . . . . .           | 6 points        |
| Journalism <i>33-34</i> (Statistics and the Modern World) . . . . .         | 6 points        |
| Journalism <i>35-36</i> (Political Writing) or                              |                 |
| Journalism <i>B</i> (a course in Politics or a course in History) . . . . . | 6 points        |
| Journalism <i>37-38</i> (Financial Writing) or                              |                 |
| A course in Economics or History . . . . .                                  | 6 points        |
| Journalism <i>131-132</i> (Modern European Drama) <sup>1</sup> or . . . . . |                 |
| <i>133-134</i> (Modern European Fiction) <sup>1</sup> . . . . .             | 6 points        |
|                                                                             | <hr/> 30 points |

## SECOND PROFESSIONAL YEAR

|                                                               | <i>Winter<br/>Session</i> | <i>Spring<br/>Session</i> |
|---------------------------------------------------------------|---------------------------|---------------------------|
| Journalism <i>41-42</i> (Reporting) . . . . .                 | 3 points                  | 3 points                  |
| Journalism <i>43-44</i> (Copy-reading) . . . . .              | 3 points                  | 3 points                  |
| Journalism <i>143</i> (History of Journalism) . . . . .       | 2 points                  |                           |
| <i>144</i> (Law) . . . . .                                    |                           | 2 points                  |
| Journalism <i>145-146</i> (International Relations) . . . . . | 2 points                  | 2 points                  |

Two of the following:

|                                                                            |          |
|----------------------------------------------------------------------------|----------|
| Journalism <i>131-132</i> (Modern European Drama) <sup>1</sup> . . . . .   | 6 points |
| Journalism <i>133-134</i> (Modern European Fiction) <sup>1</sup> . . . . . | 6 points |
| Journalism <i>135-136</i> (Editorial Writing) <sup>1</sup> . . . . .       | 6 points |
| Journalism <i>137-138</i> (Feature Writing) <sup>1</sup> . . . . .         | 6 points |
| Journalism <i>139-140</i> (Short Story) <sup>1</sup> . . . . .             | 6 points |
| Journalism <i>141-142</i> (Critical Writing) <sup>1</sup> . . . . .        | 6 points |

<sup>1</sup>Graduate courses, two hours attendance per week, carrying six points for the year.

## M.S. IN JOURNALISM

The prerequisite for matriculation for the degree of Master of Science in Journalism is the B.Lit. in Journalism or its equivalent.

The requirements for the degree are: the satisfactory completion of graduate courses and the assigned work in them, aggregating not less than thirty tuition points (of which twelve shall be taken in the School of Journalism), distributed over a period of not less than one academic year or its equivalent; examinations, an essay, or other work prescribed by the Administrative Board.

*Stenography and Typewriting.* Courses in stenography and typewriting are provided in Extension Teaching and students are advised to acquire both as soon as they can. All professional exercises must be submitted in typewritten form after the first half-year of the School course.

*Admission of Women.* The first two years of the curriculum are offered for duly qualified women students at Barnard College; the professional courses of the third and fourth years will be given in the School building and will be open to women on the same conditions as to men.

# THE SCHOOL OF BUSINESS

ADMINISTRATIVE BOARD (See page 10)

*General Statement.* The School of Business offers a complete professional course in business to properly qualified students, both men and women. The aim of the course is to afford a sound knowledge of fundamental business facts and principles in addition to such practical training in business methods as a school furnishes. The courses are designed especially for the college student who at the close of his sophomore year may desire to secure a more thorough and exact knowledge of the principles, organization, and methods of the commercial, industrial, and financial world than is furnished in other departments of the University and for those persons already engaged in business who desire to obtain deeper insight into the problems of their respective vocations as well as broader knowledge of allied fields of business activity. One of the objects, also, is to prepare students directly for the state examinations for the certificate of certified public accountant.

*Curriculum.* The curriculum will consist of a two-years' series of courses based upon two years of college study leading to the bachelor's degree with an additional year leading to the master's degree.

*Students.* The following classes of students will be provided for: (1) graduate students, candidates for the higher degrees; (2) students who have spent two years in Columbia College or Barnard College or in some other college of equivalent rank and are candidates for the degree of Bachelor of Science; (3) graduates of high school who have completed in the Department of Extension Teaching work equivalent to that offered at Columbia College or Barnard College in the first two years; (4) students who have completed two full years of satisfactory collegiate work in an acceptable college, and students over twenty-one years of age actively engaged in business and qualified to undertake certain courses, who may be admitted as special students but not as candidates for a degree. (5) Students who have had a full secondary education or its equivalent. These may enter the evening courses in business offered by the Department of Extension Teaching and become candidates for a certificate, obtainable in two years through the completion of courses representing 48 points of work.

*Admission.* 1. *To the four-year course:* Students should enter Columbia College or Barnard College, taking entrance examinations.

2. *To the two- or three-year course of the School of Business:* Two years of Columbia or Barnard College or an equivalent course in some other institution of similar standing. During this period the student should take courses aggregating 64 points if taken in Columbia College or Barnard College, or two full years of work in another acceptable college, including two years of English, two years of French or German or Spanish or their equivalent and at least one year each of history, economics, commercial geography, and mathematics. For reasons of weight and on the approval of the Director, students will be allowed to make good during their first year in the School of Business certain courses usually required in the preliminary years. Students who lack more than two of the subjects required for admission to the School of Business will not be admitted, nor can students registered in other schools of the University be allowed to take more than two of the professional courses in the School of Business.

3. *To the evening courses in business in the Department of Extension Teaching.* A complete high school course. No entrance examination is required.

4. *Special students.* Students who have completed two full years of satisfactory collegiate work in an acceptable college may be admitted to certain courses of study.

5. *Non-matriculated students.* Students who are over twenty-one years of age and who are actively engaged in business may be admitted to special courses of study, but such courses may not ordinarily be counted toward the degree of Bachelor of Science in Business.

## PROGRAM OF STUDIES

### BUSINESS

*First Year.* The first year of the School of Business corresponds to the third year of the college course and is, therefore, open to students who have covered two years of collegiate subjects.

The following courses are required of candidates for the degree of Bachelor of Science in Business and must be taken in the first year:

- Accounting
- Advanced economics or history of American commerce
- Business organization and administration
- Money and banking or corporation finance
- French or German or Spanish

aggregating not less than 24 points, and electives to make a total of not more than 36 points.

*Second Year.* Students of the second year of the School of Business are permitted to elect their entire program, subject to the approval of the Director. They should have gained a satisfactory working knowledge of accounting before completing the second year of the School. This will ordinarily require two years of attendance upon Business 23-24 and Business 25-26. Those who wish a general course in business may make a selection which stresses no particular branch. On the other hand, those who desire to specialize in some part of the field are afforded an opportunity to do so.

*Third Year or Graduate.* In connection with the work of the third or graduate year advantage will be taken of the peculiar opportunities due to the location of the School in the City of New York. Every effort will be made to bring properly qualified students into close contact with modern business problems and with best business practice as developed in the large enterprises located in the city. Only the courses numbered above 100 may be taken for credit toward the Master's degree.

*Secretarial Studies.* Students in Secretarial Studies are required in the two years of the School of Business to take courses in business administration, business law, secretarial bookkeeping, secretarial correspondence, and typography, aggregating not less than 22 points, and electives from the School of Business to make not less than 30 points. In addition they must satisfy the Administrative Board that they have a mastery of stenography and typewriting, for which a maximum of 8 points academic credit will be allowed, making a total of 60 points.

*Certificate in Secretarial Studies for College Graduates.* College graduates who have been accepted as candidates for a certificate are required to take, during the year, the following courses:

- Stenography e1-2
- Typewriting e1-2
- Secretarial Bookkeeping e1-2
- Typography e1
- Electives from courses in the School of Business, amounting to 8 points.

*Degrees.* Students who complete the undergraduate work of the School of Business are eligible for the degree of Bachelor of Science in Business. Those who complete the



work of the third or graduate year are eligible for the degree of Master of Science in Business; the program of study to be pursued in satisfaction of the requirements for the degrees is as follows:

*Bachelor of Science.* The work required for this degree consists of two years of college courses and a program of 60 points in the School of Business, each point representing the satisfactory completion of work requiring one hour a week for the Winter and Spring Session. This requirement in the School of Business must be satisfied by two years' residence, and is met for the first year by the prescribed program indicated above, and electives to make a total of not more than 34 points. The second year is entirely elective.

No candidate for the degree may take less than twelve nor more than nineteen hours per week in either the Winter or the Spring Session. Students registered in the School of Business may, on the approval of the Administrative Board, receive credit for courses successfully completed in the Summer Session or in Extension Teaching.

*Master of Science.* To satisfy the requirements for candidacy for this degree a student must have completed a preliminary education covering four years of study, two of which shall have been in collegiate subjects and two in the School of Business or the equivalent. To obtain the degree of Master of Science the candidate must register for and attend courses aggregating not less than 30 tuition points, distributed over a period of not less than one academic year or its equivalent. The candidate must satisfy the Administrative Board that he has completed all the requirements specified by it for the degree. These requirements may include the completion of courses and the assigned work in them, examinations, an essay, seminars, or other work prescribed by the department. The purpose of this graduate course is to enable the student to pursue his professional study beyond the two years required for the bachelor's degree; to secure an opportunity to elect courses under the Faculty of Political Science; and to carry on special work in research in applied economics. Courses offered by the Faculties of Law, Political Science, and Engineering are open to the candidates for the degree under restrictions determined by those Faculties and by the Administrative Board of the School of Business.

*Candidacy for Degrees.* Students intending to apply for degrees must, on or before the dates indicated in the academic calendar, pay the required fee and file with the Registrar the application for graduation.

Application for the bachelor's degree to be conferred in June, 1919, must be made on or before April 15, and for the master's degree before March 1.

*Advanced Standing.* Candidates for admission to advanced standing, upon the basis of certificates of transfer from other colleges should fill out the appropriate application blank, to be obtained from the Secretary of the University, and file it with the University Committee on Admissions before September 1 or January 1. Each candidate (whether he has a degree or not) must also present an official transcript of his academic record and a certificate of honorable dismissal together with a marked catalogue of the institution that he leaves, showing the courses he has there pursued, with grades received in each.

*Special Lectures.* From time to time special lectures will be given before the students of the School of Business by men prominent in the various fields of business. Detailed information in regard to these lectures will be announced later.

# SCHOOL OF DENTISTRY

## ADMINISTRATIVE BOARD (See page 9)

*General Statement.* In September, 1916, students in dentistry were admitted to courses in Columbia University at the College of Physicians and Surgeons. On March 5, 1917, the Trustees of Columbia University established a School of Dentistry as of September 27, 1916, so that the conduct of courses from that date, as forming part of the work of the School, might be officially recognized.

The courses in the School of Dentistry are based upon the same preliminary requirements as the study of medicine in Columbia University. The entire course requires one year in the School of Medicine followed by four years in the School of Dentistry.

Prospective students should pay particular attention to the new regulations which went into effect in the fall of 1918. Women may be admitted to the dental course on the same conditions as to the medical course.

*Admission.* The student must have completed one year of medical study corresponding or equivalent to the first year of the College of Physicians and Surgeons.

*Application.* Students should apply in the Spring, if possible, and may use Summer Session courses to make good deficiencies. All applications should be accompanied by the sum of twenty-five cents, to defray the cost of the dental student's certificate, which is required by the laws of the State.

*Requirements in the Sciences.* Students who take their preliminary education in other colleges than Columbia must also elect as part of their course, physics, inorganic chemistry, organic chemistry, qualitative analysis, and general biology.

The courses in physics, chemistry, and biology which are required for admission are represented by the following courses in Columbia College:

*Elementary Physics*, including laboratory work, *Physics A1-A2*. At least three lectures and two hours' laboratory work a week for one year.

*General inorganic chemistry*, including laboratory work, *Chemistry 3c-4c* or *6c-7c*, *organic chemistry* and *qualitative analysis*. At least two lectures and six hours' laboratory work a week for one year.

*Biology*, including laboratory work, *Zoology 1-2*. At least two lectures and four hours' laboratory work a week for one year.

*Changes in Requirements for Admission to the College of Physicians and Surgeons, beginning with the Opening of the Winter Session in September, 1918.* The minimum requirements for admission to the first year will comprise two years of college work aggregating 72 points, as rated at present in Columbia College. This work must include one year of physics, one year of inorganic chemistry based on college entrance chemistry, one-half year of qualitative chemical analysis, one-half year of organic chemistry, one year of biology, two years of college English, and the equivalent in either French or German of courses A and B as prescribed by Columbia College. For the preparation in physics, chemistry, and biology, which will be required for admission, see *Announcement of the School of Dentistry*.

*Admission to Advanced Standing.* In addition to the dental student's certificate mentioned above, based on at least two years of college work completed before beginning the study of dentistry, candidates who have completed, without conditions, one or two years of study in an accepted dental school will be given credit in the School of

Dentistry for all courses satisfactorily completed therein, on presentation of proper certificates covering the same. Application blanks will be furnished on request, and prospective students are requested to file their applications early in June, when possible, to avoid delay in matriculating at the beginning of the session. *It is essential that students offering themselves for admission to advanced standing should have had before admission all the preliminary work presented in the curriculum of the School of Dentistry.*

Students will not be admitted to advanced standing upon examination, but only upon a satisfactory record from their schools of previous residence.

*Combined Course, Columbia University.* Combined course for the degrees of A.B. and D.D.S. The attention of students of dentistry who propose to enter the Columbia School of Dentistry is called to the program of studies in Columbia College, which offers an opportunity to the prospective dental student to take both a collegiate and a dental degree in seven or eight years. By permission of the Dean of Columbia College, the first year in the School of Medicine may be elected by students in Columbia College who have maintained a satisfactory grade in their previous work in the College. Such students must have taken at least three years of residence in Columbia College and have secured at least 88 points (out of the 124 required for the A.B. degree) to avail themselves of the one-year professional option in the medical school and one year in the School of Dentistry. In order to take the eight-year 'combined course' and avail themselves of the one-year professional option, the students must take 94 points out of the 124 required in Columbia College before entering the College of Physicians and Surgeons. The School of Medicine requires that physics, inorganic chemistry, organic chemistry, qualitative analysis, and biology must be included in the 88 or 94 points taken in Columbia College. This permits a student to obtain by excellence of work the degree of Bachelor of Arts and that of Doctor of Dental Surgery in seven or eight years, according to whether he offers one year of medical training and one year of dental study, or simply one year of the medical school for part of the scientific training entitling him to his bachelor's degree. Students desiring to effect this combination of courses should address the Secretary of Columbia University for more complete information.

*Combined Courses with Other Universities.* The University of Rochester, Colgate University, and Hobart and Ripon Colleges, will confer the bachelor's degree upon students who have elected and successfully completed the first year in the College of Physicians and Surgeons in lieu of the senior year in those colleges.

*Requirements for Graduation.* In addition to complying with the requirements for admission and to completing the required work of the curriculum, each candidate for the degree of D.D.S. must present satisfactory evidence, as required by law, of good moral character, and of having attained the age of twenty-one years. If the candidate shall have been admitted to advanced standing, he must have spent not less than four academic years (no two of which shall have begun during the same calendar year) in approved medical or dental colleges, in the study of the subjects making up the curriculum of the School of Dentistry.

*Oral Hygiene.* Under the Department of Extension Teaching, Columbia University conducts courses in oral hygiene at the Vanderbilt Clinic and at Morningside Heights. These courses are intended for women who desire to become licensed dental hygienists. The requirements for admission are the qualifying certificate obtained from the Department of Education of the State of New York at Albany, New York, the completion of at least one year of high school work, and the attainment of at least nineteen years of age.

*Advanced Courses in Dentistry.* Advanced courses in dentistry for practitioners are offered by the Department of Extension Teaching in the laboratory and infirmary at 35 West 39th Street. These courses cover the subjects of operative and prosthetic

dentistry, plate prosthesis, periodontia, and dental ceramics, and vary in length from five to eleven weeks, according to the requirements of the subject.

*Graduate Instruction.* An increasing number of advanced courses is being opened to graduates in dentistry. These now include courses in bacteriology, biological chemistry, dermatology and syphilology, diseases of children, laryngology and otology, neurology, pathology, physiology, practice of dental medicine, oral surgery, therapeutics, and anesthesia. Those who wish such opportunities for study are referred to the departmental statements in the *Announcement of the School of Medicine*.



## REGISTRATION OF STUDENTS

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REGISTRATION AT COLUMBIA UNIVERSITY, IN ALL FACULTIES, DURING THE  
ACADEMIC YEARS 1906-1907 TO 1917-1918

| FACULTIES                                                                   | 1906-1907 | 1907-1908 | 1908-1909 | 1909-1910 | 1910-1911 | 1911-1912 | 1912-1913 | 1913-1914 | 1914-1915 | 1915-1916 | 1916-1917 | 1917-1918 |
|-----------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Columbia College                                                            | 638       | 650       | 667       | 692       | 802       | 820       | 877       | 941       | 1116      | 1256      | 1453      | 1315      |
| Barnard College                                                             | 419       | 453       | 498       | 535       | 547       | 640       | 618       | 666       | 730       | 694       | 734       | 697       |
| <i>Total undergraduates</i>                                                 | 1057      | 1103      | 1165      | 1227      | 1349      | 1460      | 1495      | 1607      | 1846      | 1950      | 2187      | 2012      |
| Faculties of Political<br>Science, Philosophy,<br>Pure Science <sup>1</sup> | 877       | 977       | 1015      | 1138      | 1367      | 1433      | 1570      | 1727      | 2074      | 1516      | 1358      | 1052      |
| <i>Total non-professional<br/>graduate students <sup>1</sup></i>            | 877       | 977       | 1015      | 1138      | 1367      | 1433      | 1570      | 1727      | 2074      | 1516      | 1358      | 1052      |
| Faculty of Applied<br>Science                                               | 537       | 618       | 697       | 686       | 724       | 671       | 669       | 675       | 481       | 375       | 276       | 81        |
| Faculty of Law                                                              | 264       | 249       | 330       | 324       | 376       | 417       | 478       | 467       | 453       | 485       | 474       | 219       |
| Faculty of Medicine                                                         | 381       | 314       | 330       | 346       | 329       | 351       | 344       | 344       | 374       | 376       | 451       | 554       |
| Journalism                                                                  |           |           |           |           |           |           | 76        | 115       | 143       | 144       | 155       | 76        |
| Faculty of Pharmacy                                                         | 247       | 224       | 267       | 313       | 275       | 287       | 414       | 448       | 495       | 510       | 428       | 524       |
| Teachers College                                                            |           |           |           |           |           |           |           |           |           |           |           |           |
| Education <sup>2</sup>                                                      | 743       | 896       | 992       | 1123      | 1571      | 1623      | 1422      | 1475      | 950       | 1157      | 1277      | 1078      |
| Practical Arts                                                              |           |           |           |           |           |           | 262       | 335       | 1057      | 1065      | 1167      | 1307      |
| Fine Arts { Architec-<br>ture Music <sup>3</sup>                            | 106       | 125       | 130       | 142       | 158       | 135       | 141       | 151       | 112       | 95        | 90        | 39        |
|                                                                             | 31        | 31        | 28        | 23        | 24        | 20        | 16        | 19        |           |           |           |           |
| School of Business                                                          |           |           |           |           |           |           |           |           |           |           | 61        | 77        |
| <i>Total professional<br/>students</i>                                      | 2309      | 2457      | 2774      | 2957      | 3457      | 3504      | 3822      | 4029      | 4065      | 4207      | 4379      | 3955      |
| Unclassified Univer-<br>sity Students                                       |           |           |           |           |           |           |           |           |           | 161       | 206       | 107       |
| Deduct double regis-<br>tration <sup>4</sup>                                |           |           |           |           |           |           |           |           |           |           |           |           |
| <i>Net total</i>                                                            | 154       | 195       | 204       | 205       | 280       | 324       | 362       | 429       | 651       | 160       | 36        | 38        |
|                                                                             | 4089      | 4342      | 4750      | 5117      | 5893      | 6073      | 6525      | 6934      | 7334      | 7674      | 8094      | 7088      |
| Summer Session                                                              | 1041      | 1395      | 1532      | 1971      | 2632      | 2973      | 3602      | 4539      | 5590      | 5961      | 8023      | 6144      |
| <i>Grand net total <sup>5</sup></i>                                         | 4852      | 5373      | 5887      | 6602      | 7858      | 8303      | 9379      | 10460     | 11876     | 12482     | 14899     | 12342     |
| Students in Extension<br>Teaching                                           | 2719      | 3267      | 3013      | 2583      | 1008      | 1280      | 1828      | 2813      | 3305      | 4252      | 5368      | 5262      |

<sup>1</sup> In 1915-1916 candidates for the degree of Master of Arts whose subject of major interest was Education (654) were, for the first time, included only under the Faculty of Education. In 1916-1917 all students engaged in graduate study with Education as their subject of major interest were counted under the Faculty of Education only.

<sup>2</sup> Including, prior to 1912-1913, those here classified under the School of Practical Arts.

<sup>3</sup> In 1914 the School of Music was discontinued.

<sup>4</sup> Students in Teachers College enrolled in the non-professional graduate faculties as candidates for the higher degrees and students who graduated from Columbia College in February and entered a graduate or professional faculty at that time.

<sup>5</sup> Excluding Summer Session students who returned for work in the succeeding fall. The Summer Session falls at the beginning of the year, as here reported. The first session was in the Summer of 1900, the last included here is that of 1917. A detailed report of the Summer Session of 1918 is appended.

## DUPLICATE REGISTRATIONS

THE PROPORTION OF MEN AND WOMEN FOR THE PAST TEN YEARS, EXCLUSIVE OF THE SUMMER SESSION AND EXTENSION TEACHING, IS AS FOLLOWS:

|               | 1908-<br>1909 | 1909-<br>1910 | 1910-<br>1911 | 1911-<br>1912 | 1912-<br>1913 | 1913-<br>1914 | 1914-<br>1915 | 1915-<br>1916 | 1916-<br>1917 | 1917-<br>1918 |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Men           | 3,205         | 3,297         | 3,662         | 3,763         | 4,072         | 4,277         | 4,466         | 4,524         | 4,682         | 3,797         |
| Women         | 1,545         | 1,820         | 2,231         | 2,310         | 2,453         | 2,657         | 2,868         | 3,150         | 3,412         | 3,291         |
| <i>Totals</i> | <i>4,750</i>  | <i>5,117</i>  | <i>5,893</i>  | <i>6,073</i>  | <i>6,525</i>  | <i>6,934</i>  | <i>7,334</i>  | <i>7,674</i>  | <i>8,094</i>  | <i>7,088</i>  |

DUPLICATE REGISTRATIONS BETWEEN THE SUMMER SESSION OF 1917 AND THE  
ACADEMIC YEAR 1917-1918

*A. Students of the Summer Session Who Returned in the Winter or Spring Session  
of 1917-1918*

| SCHOOL OR FACULTY TO WHICH THEY RETURNED                               | Men        | Women      | Total            |
|------------------------------------------------------------------------|------------|------------|------------------|
| Architecture                                                           | 5          |            | 5                |
| Barnard College                                                        |            | 87         | 87               |
| School of Business                                                     | 7          | 4          | 11               |
| Columbia College                                                       | 217        |            | 217              |
| Graduate Faculties (Political Science,<br>Philosophy and Pure Science) | 83         | 93         | 176 <sup>1</sup> |
| Journalism                                                             | 5          | 5          | 10               |
| Law                                                                    | 25         |            | 25               |
| College of Physicians and Surgeons                                     | 44         |            | 44               |
| School of Mines, Engineering and Chemistry                             | 12         |            | 12               |
| Teachers College—Education and School of Practical Arts:               |            |            |                  |
| Undergraduate                                                          | 27         | 176        | 203              |
| Graduate                                                               | 57         | 43         | 100 <sup>2</sup> |
| Extension Teaching                                                     | 69         | 182        | 251              |
| <i>Totals</i>                                                          | <i>551</i> | <i>590</i> | <i>1,141</i>     |

*B. Matriculated Graduate Students of the Summer Session of 1917 Who Did or Did Not Return in the  
Spring or Winter Session of 1917-1918*

| FACULTIES                                      | Returned         | Did Not Return | Total        |
|------------------------------------------------|------------------|----------------|--------------|
| Political Science, Philosophy and Pure Science | 176 <sup>1</sup> | 579            | 724          |
| Education and Practical Arts                   | 100 <sup>2</sup> | 642            | 731          |
| <i>Totals</i>                                  | <i>276</i>       | <i>1,221</i>   | <i>1,455</i> |

<sup>1</sup> Of this number (16 men and 15 women) were not graduate students in the Summer Session.

<sup>2</sup> Of this number (5 men and 6 women) were not graduate students in the Summer Session.

AGGREGATE ATTENDANCE IN ALL COURSES, 1917-1918 (EXCLUDING SUMMER  
SESSION, EXTENSION TEACHING, TEACHERS COLLEGE, BARNARD  
COLLEGE AND THE COLLEGE OF PHARMACY)

| 1917-1918                                        | Number of<br>Half-Year<br>Courses | Number of<br>Registrations | Percentage<br>of Total<br>Enrolment |
|--------------------------------------------------|-----------------------------------|----------------------------|-------------------------------------|
| <i>Departments</i>                               |                                   |                            |                                     |
| Agriculture                                      | 2                                 | 9                          | .03                                 |
| Anatomy (including Histology)                    | 7                                 | 547                        | 1.88                                |
| Anthropology                                     | 17                                | 68                         | .23                                 |
| Architecture                                     | 45                                | 408                        | 1.40                                |
| Astronomy                                        | 3                                 | 99                         | .34                                 |
| Bacteriology                                     | 11                                | 217                        | .74                                 |
| Biological Chemistry                             | 13                                | 394                        | 1.35                                |
| Botany                                           | 29                                | 91                         | .31                                 |
| Business                                         | 49                                | 774                        | 2.66                                |
| Chemical Engineering                             | 15                                | 149                        | .51                                 |
| Chemistry                                        | 66                                | 1,331                      | 4.57                                |
| Civil Engineering                                | 27                                | 114                        | .39                                 |
| Classical Philology                              | 2                                 | 7                          | .02                                 |
| Classical Civilization                           | 2                                 | 37                         | .13                                 |
| Comparative Philology                            | 2                                 | 4                          | .01                                 |
| Greek                                            | 30                                | 118                        | .41                                 |
| Latin                                            | 41                                | 250                        | .86                                 |
| Dermatology                                      | 3                                 | 148                        | .51                                 |
| Diseases of Children                             | 9                                 | 524                        | 1.80                                |
| Economics                                        | 41                                | 1,145                      | 3.93                                |
| Education                                        | 99                                | 354                        | 1.22                                |
| Electrical Engineering                           | 17                                | 151                        | .52                                 |
| Engineering Drafting                             | 8                                 | 180                        | .62                                 |
| English                                          | 73                                | 2,490                      | 8.55                                |
| Comparative Literature                           | 13                                | 243                        | .83                                 |
| Fine Arts                                        | 9                                 | 10                         | .03                                 |
| Geology                                          | 35                                | 205                        | .70                                 |
| Germanic Languages and Literatures               | 60                                | 720                        | 2.50                                |
| Gynecology                                       | 8                                 | 410                        | 1.41                                |
| History and Political Philosophy                 | 75                                | 1,797                      | 6.27                                |
| Household Arts                                   | 3                                 | 3                          | .01                                 |
| Hygiene and Preventive Medicine                  | 1                                 | 115                        | .39                                 |
| Journalism                                       | 23                                | 580                        | 1.96                                |
| Laryngology (including Otology)                  | 8                                 | 206                        | 1.02                                |
| Mathematics                                      | 46                                | 1,033                      | 3.55                                |
| Mechanical Engineering                           | 35                                | 252                        | .87                                 |
| Metallurgy                                       | 21                                | 120                        | .41                                 |
| Military Training                                | 2                                 | 483                        | 1.66                                |
| Mineralogy                                       | 5                                 | 58                         | .20                                 |
| Mining                                           | 13                                | 67                         | .23                                 |
| Municipal and Private Law                        | 52                                | 1,872                      | 6.43                                |
| Music                                            | 23                                | 171                        | .59                                 |
| Neurology                                        | 12                                | 647                        | 2.22                                |
| Obstetrics                                       | 6                                 | 490                        | 1.68                                |
| Ophthalmology                                    | 2                                 | 148                        | .51                                 |
| Oriental Languages                               |                                   |                            |                                     |
| Indo-Iranian Languages                           | 14                                | 15                         | .05                                 |
| Semitic Languages                                | 28                                | 85                         | .29                                 |
| Orthopedic Surgery                               | 3                                 | 262                        | .90                                 |
| Pathology                                        | 6                                 | 120                        | .41                                 |
| Pharmacology, Materia Medica and<br>Therapeutics | 2                                 | 228                        | .78                                 |
| Philosophy                                       | 43                                | 1,253                      | 4.30                                |
| Physical Education                               | 14                                | 1,244                      | 4.28                                |
| Physics                                          | 35                                | 656                        | 2.25                                |
| Mathematical Physics (Mechanics)                 | 5                                 | 121                        | .42                                 |
| Physiology                                       | 10                                | 347                        | 1.19                                |
| Politics and Government <sup>1</sup>             | 24                                | 731                        | 2.51                                |

<sup>1</sup> Government and Industry 2  
Politics 22

## ATTENDANCE IN ALL COURSES

AGGREGATE ATTENDANCE IN ALL COURSES, 1917-1918 (EXCLUDING SUMMER SESSION,  
EXTENSION TEACHING, TEACHERS COLLEGE, BARNARD COLLEGE  
AND THE COLLEGE OF PHARMACY—*Continued*

| 1917-1918                         | Number of<br>Half-Year<br>Courses | Number of<br>Registrations | Percentage<br>of Total<br>Enrolment |
|-----------------------------------|-----------------------------------|----------------------------|-------------------------------------|
| <i>Departments</i>                |                                   |                            |                                     |
| Practice of Medicine              | 24                                | 642                        | 2.21                                |
| Psychology                        | 25                                | 433                        | 1.49                                |
| Public Law                        | 19                                | 180                        | .65                                 |
| Religion                          | 12                                | 56                         | .19                                 |
| Roman Law and Jurisprudence       | 7                                 | 25                         | .09                                 |
| Romance Languages and Literatures |                                   |                            |                                     |
| French                            | 52                                | 1,057                      | 3.63                                |
| Italian                           | 7                                 | 23                         | .07                                 |
| Phonetics                         | 1                                 | 6                          | .02                                 |
| Spanish                           | 15                                | 337                        | 1.16                                |
| Slavonic Languages                |                                   |                            |                                     |
| Russian                           | 6                                 | 18                         | .06                                 |
| Social Economy                    | 19                                | 203                        | .70                                 |
| Sociology                         | 12                                | 278                        | .96                                 |
| Surgery                           | 16                                | 752                        | 2.58                                |
| Urology                           | 2                                 | 296                        | 1.02                                |
| Zoology                           | 27                                | 386                        | 1.33                                |
| <i>Total</i>                      | <i>1,491</i>                      | <i>20,101</i>              | <i>100.00</i>                       |



## RESIDENCE OF STUDENTS

| 1917-1918                                    | College | Law | Medicine | Applied Science | Architecture | Journalism | Business | Graduate Faculties of<br>Political Science,<br>Philosophy and<br>Pure Science | Unclassified Graduate<br>Students | Barnard College | Education and<br>Practical Arts | College of Pharmacy | Net Total |
|----------------------------------------------|---------|-----|----------|-----------------|--------------|------------|----------|-------------------------------------------------------------------------------|-----------------------------------|-----------------|---------------------------------|---------------------|-----------|
| UNITED STATES                                |         |     |          |                 |              |            |          |                                                                               |                                   |                 |                                 |                     |           |
| North Atlantic Division<br>(77.38 per cent.) | 1,227   | 161 | 458      | 58              | 26           | 49         | 40       | 707                                                                           | 63                                | 634             | 1,576                           | 515                 | 5,514     |
| Connecticut                                  | 17      | 3   | 31       |                 |              | 2          | 1        | 12                                                                            |                                   | 7               | 59                              | 11                  | 143       |
| Maine                                        | 1       | 1   | 1        |                 |              |            | 1        | 8                                                                             |                                   | 1               | 21                              | 2                   | 36        |
| Massachusetts                                | 11      | 2   | 12       |                 |              | 5          | 2        | 28                                                                            | 1                                 | 7               | 81                              |                     | 149       |
| New Hampshire                                | 3       |     | 5        | 1               |              |            | 1        | 3                                                                             |                                   |                 | 5                               |                     | 18        |
| New Jersey                                   | 101     | 22  | 65       | 6               | 3            | 2          | 2        | 82                                                                            | 8                                 | 81              | 322                             | 48                  | 742       |
| New York                                     | 1,069   | 130 | 334      | 50              | 23           | 38         | 28       | 537                                                                           | 50                                | 533             | 939                             | 450                 | 4,181     |
| Pennsylvania                                 | 21      | 3   | 6        | 1               |              | 2          | 5        | 32                                                                            | 3                                 | 4               | 134                             | 3                   | 214       |
| Rhode Island                                 | 2       |     | 2        |                 |              |            |          | 1                                                                             |                                   |                 | 2                               |                     | 7         |
| Vermont                                      | 2       |     | 2        |                 |              |            |          | 4                                                                             | 1                                 | 1               | 13                              | 1                   | 24        |
| South Atlantic Division<br>(3.61 per cent.)  | 8       | 9   | 28       | 1               | 3            | 6          | 4        | 44                                                                            | 6                                 | 28              | 120                             |                     | 257       |
| Delaware                                     | 1       |     |          |                 |              |            |          |                                                                               |                                   | 1               | 1                               |                     | 3         |
| District of Columbia                         |         | 1   | 1        |                 | 1            |            |          | 9                                                                             |                                   | 4               | 9                               |                     | 24        |
| Florida                                      |         | 1   | 1        |                 |              |            |          |                                                                               |                                   |                 | 5                               |                     | 7         |
| Georgia                                      | 2       |     | 14       |                 | 1            |            | 2        | 3                                                                             | 3                                 | 6               | 17                              |                     | 48        |
| Maryland                                     | 2       | 2   |          | 1               | 1            |            | 1        | 8                                                                             | 1                                 |                 | 26                              |                     | 40        |
| North Carolina                               | 2       | 1   | 6        |                 |              | 4          |          | 5                                                                             |                                   | 2               | 19                              |                     | 40        |
| South Carolina                               | 1       |     | 3        |                 |              |            |          | 5                                                                             | 1                                 | 2               | 8                               |                     | 20        |
| Virginia                                     | 1       | 2   | 3        |                 |              | 2          |          | 13                                                                            | 1                                 | 8               | 20                              |                     | 50        |
| West Virginia                                | 1       | 2   | 1        |                 |              |            |          | 1                                                                             |                                   | 5               | 15                              |                     | 25        |
| South Central Division<br>(2.13 per cent.)   | 14      | 12  | 5        |                 |              |            | 2        | 30                                                                            | 6                                 | 10              | 71                              | 2                   | 152       |
| Alabama                                      | 4       | 2   | 1        |                 |              |            | 1        | 1                                                                             | 2                                 | 2               | 8                               | 1                   | 22        |
| Arkansas                                     |         | 2   |          |                 |              |            |          | 1                                                                             |                                   |                 | 3                               |                     | 6         |
| Kentucky                                     | 3       | 2   |          |                 |              |            |          | 7                                                                             | 2                                 | 3               | 13                              |                     | 30        |
| Louisiana                                    | 2       | 1   |          |                 |              |            |          |                                                                               |                                   |                 | 4                               | 1                   | 8         |
| Mississippi                                  |         | 1   |          |                 |              |            |          | 2                                                                             | 1                                 |                 | 4                               |                     | 8         |
| Oklahoma                                     |         |     |          |                 |              |            |          | 3                                                                             |                                   |                 | 4                               |                     | 7         |
| Tennessee                                    | 1       | 2   | 2        |                 |              |            | 1        | 4                                                                             | 1                                 | 1               | 15                              |                     | 27        |
| Texas                                        | 4       | 2   | 2        |                 |              |            |          | 12                                                                            |                                   | 4               | 20                              |                     | 44        |
| North Central Division<br>(8.97 per cent.)   | 26      | 15  | 27       | 3               | 5            | 16         | 10       | 121                                                                           | 6                                 | 16              | 394                             |                     | 630       |
| Illinois                                     | 2       | 2   | 1        |                 | 1            | 2          |          | 9                                                                             |                                   | 1               | 41                              |                     | 59        |
| Indiana                                      | 3       | 1   | 2        |                 |              |            |          | 10                                                                            | 1                                 | 1               | 31                              |                     | 49        |
| Iowa                                         | 2       | 2   |          | 1               | 1            | 3          |          | 23                                                                            |                                   | 1               | 35                              |                     | 68        |
| Kansas                                       | 1       |     |          |                 |              | 1          |          | 6                                                                             |                                   |                 | 24                              |                     | 32        |
| Michigan                                     | 1       | 1   | 2        |                 |              |            | 1        | 9                                                                             | 2                                 |                 | 49                              |                     | 65        |
| Minnesota                                    | 1       |     | 2        |                 |              |            | 1        | 4                                                                             |                                   | 1               | 41                              |                     | 51        |
| Missouri                                     | 2       | 2   | 3        |                 | 1            | 5          | 3        | 12                                                                            |                                   | 3               | 28                              |                     | 59        |
| Nebraska                                     | 1       | 1   |          |                 |              | 2          |          | 3                                                                             |                                   |                 | 15                              |                     | 22        |
| North Dakota                                 |         |     |          |                 |              |            | 1        | 2                                                                             |                                   |                 | 9                               |                     | 12        |
| Ohio                                         | 9       | 5   | 6        | 1               | 1            | 2          | 2        | 30                                                                            | 2                                 | 7               | 79                              |                     | 144       |
| South Dakota                                 | 1       | 1   |          |                 |              |            |          | 3                                                                             |                                   |                 | 4                               |                     | 9         |
| Wisconsin                                    | 3       |     | 11       | 1               | 1            |            | 2        | 10                                                                            | 1                                 | 2               | 38                              |                     | 69        |
| Western Division<br>(3.19 per cent.)         | 11      | 5   | 26       | 5               | 1            | 5          | 4        | 55                                                                            | 4                                 | 5               | 107                             |                     | 228       |
| Arizona                                      | 1       |     | 1        |                 |              |            |          | 1                                                                             |                                   | 1               | 5                               |                     | 9         |
| California                                   | 1       | 1   | 1        |                 |              | 3          |          | 28                                                                            | 2                                 | 1               | 36                              |                     | 73        |
| Colorado                                     | 3       | 1   | 2        | 1               | 1            | 2          |          | 7                                                                             | 1                                 | 1               | 16                              |                     | 35        |
| Idaho                                        | 1       |     | 2        |                 |              |            |          |                                                                               |                                   |                 | 4                               |                     | 7         |
| Montana                                      | 1       |     |          | 1               |              |            | 1        | 1                                                                             |                                   | 1               | 8                               |                     | 13        |
| Nevada                                       |         |     |          | 1               |              |            |          |                                                                               |                                   |                 |                                 |                     | 1         |
| New Mexico                                   |         | 1   | 3        |                 |              | 1          |          | 1                                                                             |                                   |                 | 3                               |                     | 9         |
| Oregon                                       | 2       |     | 2        | 2               |              |            | 1        | 5                                                                             |                                   |                 | 9                               |                     | 20        |
| Utah                                         |         |     | 14       |                 |              |            | 1        | 3                                                                             |                                   |                 | 3                               |                     | 21        |
| Washington                                   | 1       | 2   | 1        |                 | 1            |            |          | 8                                                                             |                                   | 1               | 21                              |                     | 35        |
| Wyoming                                      | 1       |     |          |                 |              |            |          | 1                                                                             | 1                                 |                 | 2                               |                     | 5         |

## RESIDENCE OF STUDENTS

RESIDENCE OF STUDENTS—*Continued*

| 1917-1918                                                 | College | Law | Medicine | Applied Science | Architecture | Journalism | Business | Graduate Faculties of<br>Political Science,<br>Philosophy and<br>Pure Science | Unclassified Graduate<br>Students | Barnard College | Education and<br>Practical Arts | College of Pharmacy | Net Total |
|-----------------------------------------------------------|---------|-----|----------|-----------------|--------------|------------|----------|-------------------------------------------------------------------------------|-----------------------------------|-----------------|---------------------------------|---------------------|-----------|
| Insular and Non-contiguous Territories<br>(.31 per cent.) | 3       | 1   | 1        |                 | 1            |            | 2        | 1                                                                             | 2                                 | 1               | 8                               | 2                   | 22        |
| Hawaiian Islands                                          | 1       |     |          |                 | 1            |            |          |                                                                               | 1                                 |                 |                                 |                     | 3         |
| Philippine Islands                                        | 1       | 1   | 1        |                 |              |            | 2        | 1                                                                             |                                   |                 | 4                               |                     | 9         |
| Porto Rico                                                |         |     |          |                 |              |            |          |                                                                               | 1                                 | 1               | 2                               | 1                   | 6         |
| <i>Totals</i>                                             | 1,288   | 203 | 545      | 67              | 36           | 76         | 62       | 958                                                                           | 87                                | 694             | 2,274                           | 518                 | 6,808     |
| New York City<br>(43.37 per cent.)                        | 888     | 112 | 275      | 41              | 17           | 28         | 23       | 450                                                                           | 45                                | 412             | 416                             | 384                 | 3,091     |
| FOREIGN COUNTRIES                                         |         |     |          |                 |              |            |          |                                                                               |                                   |                 |                                 |                     |           |
| Argentina                                                 | 1       |     |          |                 |              |            |          |                                                                               |                                   |                 |                                 |                     | 1         |
| Armenia                                                   |         | 1   |          |                 |              |            |          |                                                                               |                                   |                 | 4                               |                     | 5         |
| Australia                                                 |         |     |          | 1               |              |            |          |                                                                               |                                   |                 | 1                               |                     | 2         |
| Belgium                                                   |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| Bulgaria                                                  |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| Canada                                                    | 4       |     | 1        | 1               |              |            |          | 8                                                                             |                                   |                 | 31                              | 1                   | 46        |
| Chile                                                     |         |     |          |                 |              |            |          | 1                                                                             |                                   |                 | 1                               |                     | 2         |
| China                                                     | 12      | 6   |          | 1               | 2            |            | 7        | 43                                                                            | 1                                 |                 | 31                              | 1                   | 114       |
| Colombia                                                  |         |     |          |                 |              |            |          |                                                                               |                                   |                 |                                 |                     | 1         |
| Costa Rica                                                |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| Cuba                                                      | 1       | 4   |          | 2               |              |            |          | 2                                                                             | 1                                 |                 | 2                               |                     | 12        |
| Denmark                                                   |         |     |          |                 |              |            |          | 1                                                                             |                                   |                 |                                 |                     | 1         |
| Ecuador                                                   |         |     |          |                 |              |            |          |                                                                               | 1                                 |                 |                                 |                     | 1         |
| France                                                    |         |     |          |                 |              |            |          | 1                                                                             |                                   |                 | 1                               |                     | 2         |
| Germany                                                   | 1       |     | 1        |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 3         |
| Great Britain                                             |         |     |          |                 |              |            |          | 2                                                                             |                                   |                 | 2                               |                     | 4         |
| Greece                                                    |         |     |          |                 |              |            |          |                                                                               | 1                                 |                 |                                 |                     | 1         |
| Guatemala                                                 | 1       |     |          |                 |              |            |          |                                                                               |                                   |                 |                                 |                     | 1         |
| Iceland                                                   |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| India                                                     | 1       |     |          |                 |              |            |          |                                                                               | 1                                 |                 | 1                               |                     | 3         |
| Italy                                                     |         |     | 1        |                 |              |            |          |                                                                               |                                   | 1               |                                 |                     | 2         |
| Japan                                                     | 1       | 1   | 2        | 2               | 1            |            | 8        | 31                                                                            | 10                                |                 | 10                              |                     | 56        |
| Korea                                                     |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| Liberia                                                   |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| Mexico                                                    | 1       | 4   |          | 2               |              |            |          |                                                                               |                                   |                 | 1                               |                     | 7         |
| Newfoundland                                              |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| Norway                                                    |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 3                               |                     | 3         |
| Panama                                                    | 1       |     |          |                 |              |            |          |                                                                               |                                   |                 | 2                               | 1                   | 4         |
| Persia                                                    |         |     |          |                 |              |            |          | 1                                                                             |                                   |                 | 2                               |                     | 3         |
| Peru                                                      |         |     |          | 1               |              |            |          |                                                                               |                                   |                 | 1                               |                     | 2         |
| Poland                                                    |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| Portugal                                                  |         |     |          |                 |              |            |          | 1                                                                             |                                   |                 |                                 |                     | 1         |
| Rumania                                                   | 1       |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 2         |
| Russia                                                    |         |     | 1        | 3               |              |            |          | 2                                                                             | 2                                 |                 |                                 | 1                   | 9         |
| Santo Domingo                                             |         |     |          |                 |              |            |          |                                                                               |                                   | 1               | 1                               |                     | 2         |
| Singapore                                                 |         |     |          |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 1         |
| South Africa                                              |         |     |          | 1               |              |            |          |                                                                               |                                   |                 | 2                               |                     | 3         |
| Spain                                                     |         |     |          |                 |              |            |          |                                                                               | 1                                 |                 |                                 |                     | 1         |
| Sweden                                                    |         |     | 1        |                 |              |            |          |                                                                               |                                   |                 | 1                               |                     | 2         |
| Switzerland                                               |         |     |          |                 |              |            |          | 1                                                                             |                                   |                 |                                 |                     | 1         |
| Turkey in Asia                                            | 1       |     | 1        |                 |              |            |          |                                                                               |                                   |                 | 3                               |                     | 5         |
| Venezuela                                                 |         |     |          |                 |              |            |          |                                                                               | 1                                 |                 |                                 | 1                   | 2         |
| West Indies                                               | 1       |     | 1        |                 |              |            |          |                                                                               | 1                                 | 1               | 1                               |                     | 5         |
| <i>Total (4.41 per cent.)</i>                             | 27      | 16  | 9        | 14              | 3            |            | 15       | 94                                                                            | 20                                | 3               | 111                             | 6                   | 318       |
| <i>Grand Total</i>                                        | 1,315   | 219 | 554      | 81              | 39           | 76         | 77       | 1,052                                                                         | 107                               | 697             | 2,385                           | 524                 | 7,126     |

## SUMMER SESSION

*General Statement.* The nineteenth Summer session of the University opened July 8, 1918, and closed August 16. The registration days for the Summer session were July 3, 5, and 6. Examinations were held on August 16.

Courses were offered to men and women on equal terms in accounting, advertising, agriculture, architecture, astronomy, biology, bookkeeping, botany, business law, chemistry, business, mathematics, comparative literature, corporation finance, domestic art, domestic science, economics, education, elocution, engineering, English, fine arts, freehand drawing, French, general linguistics, geography, geology, German, Greek, history, history of religion, household arts, industrial arts, international law, Italian, Japanese, journalism, kindergarten, Latin, law, library economy, manual training, mathematics, mechanical drawing, medicine, mineralogy, music, philosophy, phonetics, photoplay composition, physical education, physical geography, physics, physiology, politics and public law, psychology, public speaking, public health, religion, Romance languages, Russian, sociology, Spanish, stenography and typewriting, and zoology.

Evening courses were also offered in the following subjects: English, French, Japanese, mineralogy, and Spanish.

Each course consisted of thirty lectures or other exercises, or their equivalent in laboratory or field work. Credit for such courses in the Summer session as are accepted by the several Faculties of the University in partial fulfilment of the requirements for degrees, or for diplomas in teaching, is given upon the satisfactory completion of the course, including the final examination.

### FÉES (See page 58)

The tuition fee for the Summer session is estimated on the basis of \$6 per point. In addition to this fee, the student is charged a University fee of \$5.

For the current *Announcement* of the Summer session which will open July 7 and offer a wide range of courses, or for information regarding dormitory accommodations, or board and lodging, address the Secretary of Columbia University, New York.

*Registration, 1918.* Six thousand and twenty-two students.

## SUMMER SESSION STUDENTS

## SUMMER SESSION STUDENTS

| Classification                         | Numbers | Number<br>Totals | Percentages | Percentage<br>Totals |
|----------------------------------------|---------|------------------|-------------|----------------------|
| I. Non-matriculated                    |         |                  |             |                      |
| II. Matriculated:                      |         | 3,514            |             | 58.35                |
| 1. Columbia College                    | 257     |                  |             |                      |
| 2. Barnard College                     | 73      |                  |             |                      |
| 3. Mines, Engineering and<br>Chemistry | 12      |                  |             |                      |
| 4. Law                                 | 19      |                  |             |                      |
| 5. Medicine                            | 32      |                  |             |                      |
| 6. Architecture                        | 6       |                  |             |                      |
| 7. Political Science                   | 109     |                  |             |                      |
| 8. Philosophy                          | 273     |                  |             |                      |
| 9. Pure Science                        | 118     |                  |             |                      |
| 10. Ph.D. in Education                 | 122     |                  |             |                      |
| 11. Applied Science                    | 2       |                  |             |                      |
| 12. Teachers College                   |         |                  |             |                      |
| Undergraduate                          | 814     |                  |             |                      |
| Graduate                               | 628     |                  |             |                      |
| Unclassified                           | 27      |                  |             |                      |
| 13. Journalism                         | 8       |                  |             |                      |
| 14. Business                           | 8       |                  |             |                      |
|                                        |         | 2,508            |             | 41.65                |
|                                        |         | 6,022            |             | 100.00               |



## SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO RESIDENCE

| Classification           | Numbers      | Number Totals | Percentages | Percentage Totals |
|--------------------------|--------------|---------------|-------------|-------------------|
| North Atlantic Division: |              |               |             |                   |
| Connecticut              | 123          |               |             |                   |
| Maine                    | 39           |               |             |                   |
| Massachusetts            | 220          |               |             |                   |
| New Hampshire            | 27           |               |             |                   |
| New Jersey               | 424          |               |             |                   |
| New York                 |              |               |             |                   |
| Outside of N. Y. City    | 562          |               |             |                   |
| Manhattan                | 1,369        |               |             |                   |
| Brooklyn                 | 307          |               |             |                   |
| Queens                   | 46           |               |             |                   |
| Richmond                 | 11           |               |             |                   |
|                          | <u>1,733</u> | 2,295         |             |                   |
| Pennsylvania             | 425          |               |             |                   |
| Rhode Island             | 28           |               |             |                   |
| Vermont                  | 32           |               |             |                   |
|                          |              | <u>3,613</u>  | —           | 60.00             |
| South Atlantic Division: |              |               |             |                   |
| Delaware                 | 14           |               |             |                   |
| District of Columbia     | 56           |               |             |                   |
| Florida                  | 37           |               |             |                   |
| Georgia                  | 90           |               |             |                   |
| Maryland                 | 84           |               |             |                   |
| North Carolina           | 111          |               |             |                   |
| South Carolina           | 55           |               |             |                   |
| Virginia                 | 159          |               |             |                   |
| West Virginia            | 55           |               |             |                   |
|                          |              | <u>661</u>    | —           | 10.98             |
| South Central Division:  |              |               |             |                   |
| Alabama                  | 57           |               |             |                   |
| Arkansas                 | 24           |               |             |                   |
| Kentucky                 | 45           |               |             |                   |
| Louisiana                | 17           |               |             |                   |
| Mississippi              | 19           |               |             |                   |
| Oklahoma                 | 18           |               |             |                   |
| Tennessee                | 51           |               |             |                   |
| Texas                    | 65           |               |             |                   |
|                          |              | <u>296</u>    | —           | 4.91              |
| North Central Division:  |              |               |             |                   |
| Illinois                 | 125          |               |             |                   |
| Indiana                  | 137          |               |             |                   |
| Iowa                     | 53           |               |             |                   |
| Kansas                   | 63           |               |             |                   |
| Michigan                 | 158          |               |             |                   |
| Minnesota                | 84           |               |             |                   |
| Missouri                 | 80           |               |             |                   |
| Nebraska                 | 36           |               |             |                   |
| North Dakota             | 13           |               |             |                   |
| Ohio                     | 331          |               |             |                   |
| South Dakota             | 22           |               |             |                   |
| Wisconsin                | 67           |               |             |                   |
|                          |              | <u>1,169</u>  | —           | 19.41             |
| Western Division:        |              |               |             |                   |
| Arizona                  | 7            |               |             |                   |
| California               | 48           |               |             |                   |
| Colorado                 | 21           |               |             |                   |
| Idaho                    | 4            |               |             |                   |
| Montana                  | 11           |               |             |                   |
| New Mexico               | 6            |               |             |                   |
| Oregon                   | 5            |               |             |                   |
| Utah                     | 8            |               |             |                   |
| Washington               | 19           |               |             |                   |
| Wyoming                  | 1            |               |             |                   |
|                          |              | <u>130</u>    |             | 2.16              |

## SUMMER SESSION STUDENTS

SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO RESIDENCE—*Continued*

| Classification                               | Numbers | Number<br>Totals | Percentages | Percentage<br>Totals |
|----------------------------------------------|---------|------------------|-------------|----------------------|
| Insular and Non-contiguous Terri-<br>tories: |         |                  |             |                      |
| Hawaiian Islands                             | 1       |                  |             |                      |
| Philippine Islands                           | 4       |                  |             |                      |
| Porto Rico                                   | 3       |                  |             |                      |
|                                              | <hr/>   | 8                |             | .13                  |
| Foreign Countries:                           |         |                  |             |                      |
| Brazil                                       | 1       |                  |             |                      |
| Canada                                       | 47      |                  |             |                      |
| China                                        | 41      |                  |             |                      |
| Cuba                                         | 6       |                  |             |                      |
| England                                      | 2       |                  |             |                      |
| Iceland                                      | 1       |                  |             |                      |
| Japan                                        | 28      |                  |             |                      |
| Mexico                                       | 6       |                  |             |                      |
| Palestine                                    | 1       |                  |             |                      |
| Persia                                       | 1       |                  |             |                      |
| Russia                                       | 2       |                  |             |                      |
| Siam                                         | 4       |                  |             |                      |
| South America (Chili)                        | 3       |                  |             |                      |
| South Africa                                 | 1       |                  |             |                      |
| Sweden                                       | 1       |                  |             |                      |
|                                              | <hr/>   | 145              | <hr/>       | 2.41                 |
|                                              |         | 6,022            |             | 100.00               |

# SUMMER SESSION STUDENTS

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## SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO ATTENDANCE ON COURSES

| Subjects                   | No. of Courses | No. of Registrations | Percentage of Total Enrolment |
|----------------------------|----------------|----------------------|-------------------------------|
| Accounting                 | 2              | 37                   | .24                           |
| Administration             | 7              | 173                  | 1.13                          |
| Agriculture                | 4              | 14                   | .09                           |
| Anatomy                    | 1              | 13                   | .09                           |
| Architecture               | 6              | 12                   | .08                           |
| Art Metal Working          | 1              | 10                   | .07                           |
| Astronomy                  | 3              | 70                   | .45                           |
| Bacteriology               | 1              | 83                   | .54                           |
| Biological Chemistry       | 3              | 11                   | .07                           |
| Biology                    | 3              | 64                   | .42                           |
| Botany                     | 13             | 41                   | .27                           |
| Business                   | 16             | 204                  | 1.33                          |
| Cancer Research            | 1              | 6                    | .04                           |
| Chemical Engineering       | 6              | 33                   | .22                           |
| Chemistry                  | 51             | 889                  | 5.82                          |
| Civil Engineering          | 2              | 2                    | .01                           |
| Clothing                   | 7              | 176                  | 1.15                          |
| Comparative Literature     | 4              | 122                  | .79                           |
| Cookery                    | 9              | 287                  | 1.88                          |
| Drawing                    | 4              | 34                   | .22                           |
| Economics                  | 6              | 113                  | .74                           |
| Education                  | 141            | 5,359                | 35.07                         |
| Electrical Engineering     | 2              | 22                   | .14                           |
| Engineering Drafting       | 3              | 33                   | .22                           |
| English                    | 27             | 991                  | 6.48                          |
| Fine Arts                  | 14             | 314                  | 2.05                          |
| French                     | 24             | 817                  | 5.35                          |
| General Linguistics        | 1              | 7                    | .05                           |
| Geology                    | 5              | 10                   | .07                           |
| Geography                  | 8              | 87                   | .58                           |
| German                     | 21             | 104                  | .68                           |
| Greek                      | 5              | 34                   | .22                           |
| History                    | 19             | 490                  | 3.21                          |
| Household Arts             | 12             | 126                  | .83                           |
| Hygiene                    | 1              | 23                   | .15                           |
| Industrial Arts            | 1              | 23                   | .15                           |
| Italian                    | 3              | 38                   | .25                           |
| Japanese                   | 3              | 4                    | .03                           |
| Journalism                 | 1              | 41                   | .27                           |
| Kindergarten               | 6              | 147                  | .96                           |
| Latin                      | 16             | 198                  | 1.29                          |
| Law                        | 8              | 69                   | .45                           |
| Library Economy            | 5              | 126                  | .83                           |
| Mathematics                | 15             | 389                  | 2.55                          |
| Mechanics                  | 3              | 8                    | .06                           |
| Mineralogy                 | 3              | 27                   | .18                           |
| Music                      | 8              | 97                   | .63                           |
| Nature Study               | 1              | 14                   | .09                           |
| Neurology                  | 5              | 31                   | .20                           |
| Nursing                    | 4              | 100                  | .65                           |
| Nutrition                  | 3              | 83                   | .54                           |
| Penmanship                 | 1              | 37                   | .24                           |
| Philosophy                 | 8              | 132                  | .86                           |
| Phonetics                  | 2              | 24                   | .16                           |
| Photoplay Composition      | 2              | 10                   | .07                           |
| Physical Education         | 27             | 1,032                | 6.75                          |
| Physical Therapy           | 1              | 22                   | .14                           |
| Physics                    | 15             | 191                  | 1.25                          |
| Physiology                 | 6              | 87                   | .58                           |
| Politics                   | 4              | 43                   | .28                           |
| Practice of Medicine       | 1              | 51                   | .33                           |
| Psychology                 | 7              | 211                  | 1.38                          |
| Public Health              | 1              | 45                   | .29                           |
| Public Law                 | 2              | 19                   | .12                           |
| Religion                   | 4              | 33                   | .22                           |
| Russian                    | 2              | 8                    | .06                           |
| Secretarial Correspondence | 2              | 27                   | .18                           |
| Social Science             | 1              | 49                   | .32                           |

## SUMMER SESSION STUDENTS

SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO ATTENDANCE  
ON COURSES—*Continued*

| Subjects      | No. of<br>Courses | No. of<br>Registrations | Percentage<br>of Total<br>Enrolment |
|---------------|-------------------|-------------------------|-------------------------------------|
| Sociology     | 4                 | 148                     | .96                                 |
| Spanish       | 8                 | 356                     | 2.33                                |
| Speech        | 2                 | 111                     | .73                                 |
| Statistics    | 2                 | 57                      | .37                                 |
| Stenography   | 3                 | 126                     | .83                                 |
| Surgery       | 1                 | 9                       | .06                                 |
| Textiles      | 2                 | 57                      | .37                                 |
| Typewriting   | 3                 | 165                     | 1.08                                |
| Zoology       | 2                 | 24                      | .16                                 |
| <i>Totals</i> | <i>631</i>        | <i>15,280</i>           | <i>100.00</i>                       |



## EXTENSION TEACHING

*General Statement.* The statutes of the University define Extension Teaching as instruction given by University officers and under the administrative supervision and control of the University, either away from the University buildings or at the University, for the benefit of students unable to attend the regular courses of instruction.

*Students.* Courses in Extension Teaching are planned for two classes of students: (1) men and women who can give only a portion of their time to study and who desire to pursue subjects included in a liberal education of the character and grade of a college or professional school, but without any reference to an academic degree; (2) those who look forward to qualifying themselves to obtain in the future academic recognition involving acceptance of the work which they may satisfactorily complete in Extension Teaching.

Students who are duly admitted to Extension courses but are not candidates for a degree or diploma are termed non-matriculated students. Students who have completed the requirements for admission and have been formally admitted by or in behalf of the Faculty concerned as candidates for a degree or diploma are termed matriculated students.

*Courses of Instruction.* Under the direction of the University Council courses are offered in Extension Teaching which count toward the degree of Master of Arts and Doctor of Philosophy.

Regular courses of instruction are offered in Extension Teaching which, in many instances, are coordinated so as to form at least the first years of collegiate and professional work, thus providing in the evening at Morningside Heights, and elsewhere, courses in subjects which are generally offered in the freshman, sophomore, and junior years of college, so that students may qualify themselves for admission with advanced standing to Columbia College and Barnard College or other institutions, as candidates for the degrees of Bachelor of Arts and Bachelor of Science.

There are also offered at Morningside Heights in the evening subjects which are required of students in the Schools of Mines, Engineering, and Chemistry, so that a student may pursue some special line of scientific study or prepare himself for advanced study in these schools. Courses in these schools are open only to those who have had a preliminary course of three years in Columbia College or the equivalent. This preliminary collegiate course may be taken in part or in full in Extension Teaching in the evening by students engaged in business during the day.

Evening courses are offered in architecture, leading to a certificate, at Morningside Heights, which correspond to the courses of the Columbia University School of Architecture.

Evening courses in business, forming a three-year course leading to a certificate and preparing for the State examination for the certificate of Certified Public Accountant, are given at Morningside Heights.

A series of courses intended to equip students for the position of private secretary is also offered. The completion of these courses require two years for high school graduates and at least one year for college graduates. A complete series of courses in library economy are given for the purpose of training high school and college graduates for positions as library assistants. A circular stating the requirements for students in this course will be mailed upon request.

Many courses are offered which aid a student to prepare for the Schools of Business, Law, and Medicine or to complete his preparation for Columbia College.

A two-year course in practical optics is offered in cooperation with the Department of Physics for the special training of those who expect to become optometrists.

Teachers College offers in cooperation with the Department of Extension Teaching about 130 technical courses in the various fields of Practical Arts: *i. e.*, household arts, fine arts, industrial arts, music, physical training, and nursing and health. In many of the courses the instruction is the same as that given in the regular classes of the School of Practical Arts. In other cases, special classes are organized to meet the needs of those desiring instruction in Practical Arts for use in the home.

Courses are offered in agriculture for those who desire special work in that subject.

Under the Extension Teaching Department are offered also a number of classes in dentistry. These include graduate courses for practitioners, intended for graduates of reputable dental institutions. They are given at 35-37 West 39th Street. In addition, classes in oral hygiene for licensed dental hygienists, designed to train women for the practice of operative dental hygiene, are offered at the Vanderbilt Clinic, 59th Street and Tenth Avenue.

A large number of other courses in varied subjects is given late in the afternoon and on Saturday, which repeat those in liberal studies offered in the Colleges of the University. These are given in the same manner and often by the same instructors as the regular courses. In most instances university credit is granted.

Courses covering the first two years of collegiate study and supplying the premedical year of the Long Island College Hospital are given at that institution.

Numerous courses are given at various centers. These are either regular courses of collegiate grade or short lecture courses without academic credit.

Lecture-study courses in certain subjects forming fifteen or thirty lectures alternating with quiz or conference hours are given at Morningside Heights and at centers when requested.

Centers for the study of choral music are maintained at Morningside Heights, and Brooklyn, and choral concerts are given during the year. The Department of Extension Teaching also maintains the Institute of Arts and Sciences.

*Registration.* Students who expect to attend at Morningside Heights are required to register at the office of the Registrar, University Hall. A student in Extension Teaching registers for one session and is required to renew his registration in person at the beginning of the Spring session.

Matriculated students in the various schools of the University will be allowed to attend courses in Extension Teaching in accordance with the regulations of the several schools; they must, however, register and pay the fees in the same way as other students in Extension courses.

*Fees.* All students, matriculated or non-matriculated, admitted to Extension courses, must pay at the time of registration the fees determined by the Administrative Board. The fees for Extension courses are determined, as a rule, at the rate of \$6 per point, *i. e.*, for one hour per week of class-room work, or two hours of laboratory or drawing-room work, through one session. All Extension students must pay a University fee of \$5 for each year or any part thereof. Students taking six points each session have the privileges of the Library and, in the case of men, the University Gymnasium. The privilege of residence in the dormitories is limited in the case of Extension Teaching men students to men in good standing pursuing programs aggregating not less than eight points each session. Women students in Extension Teaching may reside in Whittier Hall or Furnald Hall under certain conditions determined by the amount of work taken.

Courses in Extension Teaching, approved by the Committee on Instruction in Columbia, Barnard, and Teachers Colleges are credited for matriculated students toward the degrees of A.B. and B.S., toward the diplomas in Teachers College, and toward degrees in other professional schools in accordance with the regulations established by the various faculties. The credit given for the various courses will be found in the *Announcement of Extension Teaching*.

Courses in Extension Teaching, approved by the Executive Committee of the University Council, will count toward the degree of Master of Arts and Doctor of Philosophy.

*Admission.* No examination is required for admission to courses offered in Extension Teaching, but students must satisfy the instructors concerned that they can pursue the courses with advantage. It is expected that prospective students in all collegiate and professional courses shall have had a full secondary school education. The courses are open, unless it is otherwise stated, both to men and women.

*Location.* Intramural collegiate and professional courses will be given at Columbia University. Extramural courses will be given at the Long Island College Hospital, Henry and Amity Streets, Brooklyn, at Scranton, Springfield, Bridgeport, Fairfield, Garfield, Trenton, Yonkers, and at centers where there may be sufficient demand. Classes will also be conducted at the New York Chapter of the American Institute of Banking, 138 East 35th Street.

For detailed information as to the places and hours for these courses, the qualifications for admission, the regulations for registration, candidacy for degrees, diplomas, attendance, and examinations, the fees prescribed, and for a statement of each course offered, see the current *Announcement of Extension Teaching* and the circular of Extramural Courses, which may be obtained without charge upon application to the Secretary of the University.

*Institute of Arts and Sciences.* The Institute of Arts and Sciences is the non-academic division of the Department of Extension Teaching. The aim of the Institute is to provide a popular late afternoon and evening program consisting of general lectures and events of a cultural nature.

The program is planned for busy men and women. The scope includes lectures, given singly or in series of six, on history, literature, art, music, household arts, science, and on current economic and social problems; it comprises also illustrated travel lectures, recitals, dramatic recitals, and vocal and instrumental as well as chamber music concerts.

The program is subscribed for as a whole. The annual dues are \$10 payable in advance with an enrolment fee of \$5 payable only once provided the enrolment does not lapse.

A member of the Institute is entitled to admission for himself and one other person to all the lectures and other events on the regular evening program, but in the afternoon only one person is admitted. The ticket is transferable. Altogether the membership ticket includes admission to approximately 250 lectures, readings, concerts, recitals, etc., throughout the season. The program continues from October to April. The University auditoriums are used. Memberships are accepted at any time and are good for one calendar year from the first of the month nearest the time of enrolment.

A special pamphlet describing in detail the program of the Institute will be mailed upon request.

## AGGREGATE ATTENDANCE ON EXTENSION TEACHING COURSES

| SUBJECT                  | No. of Half-Year Courses |                            |       | No. of Registrations |                            |       | Percent-<br>age of<br>Total<br>Enrol-<br>ment |
|--------------------------|--------------------------|----------------------------|-------|----------------------|----------------------------|-------|-----------------------------------------------|
|                          | Morning-<br>side         | Extra-<br>Mural<br>Centers | Total | Morning-<br>side     | Extra-<br>Mural<br>Centers | Total |                                               |
| Administration           | 19                       |                            | 19    | 85                   |                            | 85    | .49970                                        |
| Advanced Dentistry       |                          | 46                         | 46    |                      | 205                        | 205   | 1.20540                                       |
| Agriculture              | 13                       |                            | 13    | 83                   |                            | 83    | .57804                                        |
| Anthropology             | 2                        |                            | 2     | 13                   |                            | 13    | .16644                                        |
| Architecture             | 27                       |                            | 27    | 177                  |                            | 177   | 1.04070                                       |
| Astronomy                | 2                        |                            | 2     | 22                   |                            | 22    | .12936                                        |
| Biology                  | 11                       |                            | 11    | 43                   |                            | 43    | .25384                                        |
| Bookkeeping              | 4                        |                            | 4     | 159                  |                            | 159   | .93492                                        |
| Botany                   | 7                        |                            | 7     | 52                   |                            | 52    | .30576                                        |
| Business                 | 59                       |                            | 59    | 1,755                |                            | 1,755 | 10.41940                                      |
| Chemistry                | 13                       | 4                          | 17    | 362                  | 128                        | 490   | 2.89530                                       |
| Civil Engineering        | 7                        |                            | 7     | 51                   |                            | 51    | .29988                                        |
| Comparative Literature   | 2                        |                            | 2     | 46                   |                            | 46    | .27048                                        |
| Contemporary Literature  | 5                        |                            | 5     | 135                  |                            | 135   | .79380                                        |
| Clothing                 | 35                       |                            | 35    | 324                  |                            | 324   | 1.90512                                       |
| Cookery                  | 28                       |                            | 28    | 223                  |                            | 223   | 1.41124                                       |
| Drafting                 | 10                       |                            | 10    | 75                   |                            | 75    | .44100                                        |
| Drawing                  | 12                       |                            | 12    | 48                   |                            | 48    | .28224                                        |
| Economics                | 11                       |                            | 11    | 218                  |                            | 218   | 1.28184                                       |
| Economic Science         | 3                        |                            | 3     | 8                    |                            | 8     | .04704                                        |
| Education                | 3                        | 5                          | 8     | 24                   | 340                        | 364   | 2.14032                                       |
| Educational Dramatics    | 1                        |                            | 1     | 10                   |                            | 10    | .05880                                        |
| Educational Psychology   | 1                        |                            | 1     | 20                   |                            | 20    | .11760                                        |
| Electrical Engineering   | 6                        |                            | 6     | 118                  |                            | 118   | .69384                                        |
| English                  | 109                      | 11                         | 120   | 2,936                | 411                        | 3,347 | 19.61726                                      |
| Fine Arts                | 59                       |                            | 59    | 515                  |                            | 515   | 3.12820                                       |
| French                   | 49                       | 4                          | 53    | 837                  | 46                         | 883   | 5.29204                                       |
| Geography                | 2                        |                            | 2     | 14                   |                            | 14    | .08232                                        |
| Geology                  | 5                        |                            | 5     | 36                   |                            | 36    | .21168                                        |
| German                   | 31                       | 4                          | 35    | 233                  | 67                         | 300   | 1.86400                                       |
| Greek                    | 3                        |                            | 3     | 20                   |                            | 20    | .11760                                        |
| History                  | 27                       |                            | 27    | 630                  |                            | 630   | 3.72440                                       |
| Household Arts           | 2                        |                            | 2     | 2                    |                            | 2     | .01176                                        |
| Household Economics      | 3                        |                            | 3     | 10                   |                            | 10    | .05880                                        |
| Hygiene                  | 2                        |                            | 2     | 16                   |                            | 16    | .09408                                        |
| Industrial Arts          | 4                        |                            | 4     | 37                   |                            | 37    | .21756                                        |
| International Law        | 6                        |                            | 6     | 48                   |                            | 48    | .28224                                        |
| International Relations  | 2                        |                            | 2     | 24                   |                            | 24    | .14112                                        |
| Italian                  | 4                        |                            | 4     | 31                   |                            | 31    | .18228                                        |
| Latin                    | 13                       |                            | 13    | 118                  |                            | 118   | .69384                                        |
| Law                      | 2                        |                            | 2     | 57                   |                            | 57    | .33516                                        |
| Library Economy          | 10                       |                            | 10    | 248                  |                            | 248   | 1.45824                                       |
| Mathematics              | 20                       |                            | 20    | 426                  |                            | 426   | 2.50488                                       |
| Metalworking             | 4                        |                            | 4     | 11                   |                            | 11    | .06468                                        |
| Military Training        | 2                        |                            | 2     | 52                   |                            | 52    | .30576                                        |
| Music                    | 27                       |                            | 27    | 124                  |                            | 124   | .14112                                        |
| Neurology                | 4                        |                            | 4     | 41                   |                            | 41    | .24108                                        |
| Nursing                  | 9                        |                            | 9     | 139                  |                            | 139   | .81732                                        |
| Nutrition                | 2                        |                            | 2     | 29                   |                            | 29    | .17052                                        |
| Optometry                | 15                       |                            | 15    | 229                  |                            | 229   | 1.34652                                       |
| Oral Hygiene             | 25                       |                            | 25    | 777                  |                            | 777   | 4.56876                                       |
| Penmanship               | 2                        |                            | 2     | 10                   |                            | 10    | .05880                                        |
| Philosophy               | 11                       |                            | 11    | 244                  |                            | 244   | 1.43472                                       |
| Phonetics                | 1                        |                            | 1     | 58                   |                            | 58    | .34104                                        |
| Photography              | 1                        |                            | 1     | 4                    |                            | 4     | .02352                                        |
| Photoplay Composition    | 8                        |                            | 8     | 57                   |                            | 57    | .33516                                        |
| Physical Education       | 24                       |                            | 24    | 148                  |                            | 148   | .87024                                        |
| Physical Training        | 4                        |                            | 4     | 23                   |                            | 23    | .13524                                        |
| Physics                  | 2                        | 2                          | 4     | 77                   | 129                        | 206   | 1.21128                                       |
| Politics                 | 5                        |                            | 5     | 86                   |                            | 86    | .50568                                        |
| Practical Arts           | 6                        |                            | 6     | 16                   |                            | 16    | .09408                                        |
| Practical Arts Chemistry | 10                       |                            | 10    | 43                   |                            | 43    | .25284                                        |
| Practical Arts Music     | 27                       |                            | 27    | 70                   |                            | 70    | .41160                                        |
| Practical Arts Physics   | 2                        |                            | 2     | 10                   |                            | 10    | .05880                                        |
| Psychology               | 13                       | 1                          | 14    | 310                  | 19                         | 329   | 1.93452                                       |
| Public Health            | 1                        |                            | 1     | 22                   |                            | 22    | .12936                                        |



AGGREGATE ATTENDANCE ON EXTENSION TEACHING COURSES—*Continued*

| SUBJECTS                   | No. of Half-Year Courses |                            |              | No. of Registrations |                            |               | Percent-<br>age of<br>Total<br>Enrol-<br>ment |
|----------------------------|--------------------------|----------------------------|--------------|----------------------|----------------------------|---------------|-----------------------------------------------|
|                            | Morning-<br>side         | Extra-<br>Mural<br>Centers | Total        | Morning-<br>side     | Extra-<br>Mural<br>Centers | Total         |                                               |
| Religion                   | 1                        |                            | 1            | 2                    |                            | 2             | .01176                                        |
| Secretarial Correspondence | 4                        |                            | 4            | 93                   |                            | 93            | .54684                                        |
| Slavonic                   | 8                        |                            | 8            | 24                   |                            | 24            | .14112                                        |
| Social Science             | 4                        |                            | 4            | 24                   |                            | 24            | .14112                                        |
| Sociology                  | 18                       |                            | 18           | 238                  |                            | 238           | 1.39944                                       |
| Spanish                    | 38                       |                            | 38           | 743                  |                            | 743           | 4.36884                                       |
| Speech                     | 10                       |                            | 10           | 92                   |                            | 92            | .54096                                        |
| Stenography                | 19                       |                            | 19           | 571                  |                            | 571           | 3.35748                                       |
| Statistics                 | 1                        |                            | 1            | 23                   |                            | 23            | .13524                                        |
| Structural Mechanics       | 10                       |                            | 10           | 86                   |                            | 86            | .50568                                        |
| Textiles                   | 7                        |                            | 7            | 37                   |                            | 37            | .21756                                        |
| Typewriting                | 17                       |                            | 17           | 561                  |                            | 561           | 3.29868                                       |
| Typography                 | 2                        |                            | 2            | 77                   |                            | 77            | .45276                                        |
| Zoology                    | 2                        | 3                          | 5            | 44                   | 156                        | 200           | 1.24020                                       |
| <i>Totals</i>              | <i>980</i>               | <i>80</i>                  | <i>1,060</i> | <i>15,484</i>        | <i>1,501</i>               | <i>16,985</i> | <i>100.00000</i>                              |

## DEGREES CONFERRED DURING 1917-1918

*Degrees are conferred at the October and February meetings of the University Council  
and on Commencement Day*

### COLUMBIA COLLEGE

*Bachelor of Arts.* CARLOS GABRIEL ARMSTRONG, HAROLD EDWARD AUL,† JOSEPH L. AUL,\* JULIAN IRA BERGOFFEN, EDGAR LOUIS BERKOWITZ, ABBOTT BERNARD, JEROME M. BIJUR, IRWIN NATHAN BLACKMAN, GLOVER BLOOMFIELD,† FRANK COLLIS BOWERS, WILLIAM ROGERS BRECK,\* CLIFTON BANHAM BULL, Jr., with high honors in English and Latin; WILLIAM EDWARD BUNNEKAMP, LAWRENCE CARL VICTOR BUSCH, SAUL CAESAR, HUNG-HSIANG CHANG,\* YAO CHIANG CHANG, YUN CHANG, HAROLD JOSEPH CONE, WILLIAM LEAMAN CONRAD, RALPH CUMMINGS COOK, HAROLD ALBERT COUMBE, DAVID AUGUST CURRY, THOMAS R. DASH, GEORGE GRAVES DIXON, JOHN CHRISTIAN DOHM, ABRAHAM DURST, PHILIP J. FELDMAN, ROBERT ALLISON FELDMAN, JACOB FIERSTEIN, DAVID FRIEDENBERG, ADOLPH STANLEY FROMHOLZ, PU SUNGYÜ FUNG,\* JAMES BRODERICK GIBSON, GEORGE WOLCOTT TROFAST GILLETTE,† ISIDOR GINSBURG, SAMUEL GINZBURG, GEORGE GOLD, DAVID MATHEWS GRAYZEL, with honors in Chemistry; GEORGE BARTLETT GREENOUGH, JOSEPH KIRBY GUERIN, JAMES GUTMANN, with honors in English and Philosophy; ISAAC ALFIE HADAD,† EDWARD STORY HALLOCK, SAMUEL HALPERN, CHARLES ARCHIBALD HAMMARSTROM,\* LOUIS HANDIN,\* FRANCIS HENRY HELDT, WILLIAM HILLMAN, HARRY HOROWITZ,† LOUIS HURWICH,† CHARLES BYRON ISAACSON, STANLEY RALPH JACOBS, HENRY SENEY KANE, with honors in French and Geology; LEO KAPLAN, JOSEPH KARP, HYMAN ABRAHAM KATZ, BENJAMIN SOLLOW KIRSH, WILLIAM SKINKLE KNICKERBOCKER,\* ROBERT IRVING KOHN, CARL HERMANN KRAELING, with high honors in Latin and German; RAPHAEL KURZROK, HORST EDWARD HERMANN LEEDE,\* ZANER RAE LEMASTER, MEYER LOBSENZ, ROLAND LOUIS LOISEAUX, MILTON ROLAND LOURIA, with honors in Chemistry; SCOTT STEVENS MCCLOSKEY,† CHARLES WESLEY MCCLUMPHA, JOHN DUDLEY MCCREADY, THOMAS MICHEL MCERLEAN,† MALVIN ROBERT MANDELBAUM, GIBBONS HAYES MARKLEY,\* BENJAMIN MARSON, with honors in Chemistry; BURR MARTYN, JULES A. MENKEN, SILVIO ANTHONY MINOLI, EDWIN ALLEN MORRIS, CHARLES V. MURRAY,\* JOHN PAUL THOMPSON MURRAY, BERTRAM SAUL NAYFACK, WALTER NEALE, JAMES HOMER NELSON, CLARENCE R. NESBITT,† MONROE MARC OFFNER, SAUL OPPENHEIM, with highest honors in Economics and History; AUGUST OSTROW, SAMUEL DAVID PASNER,† with honors in Latin and French; PHILIP JEROME PELLER, ROBERT ABRAHAM PINES, LEOPOLD NICHOLAS PLEIN, LORING WHITING POST, PAUL KRISTIAN POVLSSEN, IRVING ISADORE PRICE, NATHAN PROBST, Jr., JOHN HERMAN RANDALL, Jr., with highest honors in English and Philosophy; CARRINGTON RAYMOND, DOUGLAS LINCOLN REHLAENDER, SAMUEL MORSE RIVELSON, HADDON SPURGEON ROBBINS,† AMBROSE THOMAS ROSEN, HYMAN WILLIAM ROSEN, ARCHIE HARRY SAMUELS, MILTON MORTON SAMUELS, EDWARD JOSEPH SCHOENBROD, CHARLES BENEDICT SCHWANDA, DONALD FARRINGTON SEALY, SETH SELIG, NATHANIEL SAMUEL SHAPIRO, THEODORE SILBERBLATT, RONALD BRINKERHOFF SMITH, STERLING DENHARD SPERO, EVERETT VENNER SPETTIGUE,† JOSEPH FREDERICK STEIN, HARRY STEINER, ROBERT ABRAM

\* October, 1917. † February, 1918.

STEPHENSON, ROBERT LOUIS S. STERN, KARL WILLIAM SUTER,† WILLIAM GORDON THOMPSON,† CHARLES HOWARD TOBIAS, FRANCIS RAYÉ TOOMBS, CHINPIN TSEN TSAI, BYRON EMANUEL VAN RAALTE,† LLOYD IRWIN VOLCKENING,† ANTON FREDERICK VON BERNUTH,\* CHARLES JACOB WEIL, BERNARD WELT, MERVIN GERALD WIENER,† HERBERT FRANK WILSHUSEN, FRANK RAY WILSON, JOHN HENRY WOLTMANN, LINCOLN THOMAS WORK, with honors in Chemistry; WALTER DAVID YANKAUER, PHILIP LI YUAN, GUSTAV ADOLPH ZELTNER, with high honors in Greek and Latin. *Addendum to 1917.* ROBERT ADWOOD CORBIN. [135]

*Bachelor of Science.* IRA WERNER ALBRECHT,\* MORRAY KINGDON ARONSON, JOHN LOUIS BAKER, JOHN PERCY BAKER, SIDNEY HYMAN BAROVICK, AUGUST STEPHAN BARTH, HAROLD BERZON,\* R. JOHN BEUERMAN, JOSEPH BLASENSTEIN, MAURICE L. BLAUSTEIN,\* WILLIAM BERNARD BROWN, JOSEPH BUCHMAN, HARRY GRIFFIN BULLWINKEL, CHARLES WELLNER CAMP, HARRY HORTON CANTERBURY, ISAAC CHASAN,\* WHITFIELD CLARKE COATES, RUDOLPH HENRY COWEN, OTTO CULMAN,\* ARCHIBALD CHICHESTER CURRY,† JOSEPH ALFRED DESPRES, ROCCO FANELLI, CHARLES FARER, FRANCIS FINKELHOR, HYMAN LOUIS FROSCH, MAX MICHAEL GOLDSTEIN,\* WILLIAM ANTHONY GOLLIEK, LOUIS HAAS, CLARENCE ROBERT HALTER,\* CARL ERICHS HARTWIG,\* ALEXANDER CASDAN HERMAN,† HARRY GRANT HERMAN, WILLIAM AUGUSTUS HOLST, Jr.,† with high honors in Chemistry and Mathematics; SYDNEY HUTNER, WALTER HENRY JACOBSEN,† BENJAMIN JOACHIM, with honors in Chemistry; MONTEFIORE KANDEL, LEON DAVID KAUFMAN, NELSON EUGENE LABARRE, RICHARD WILLIAM LAHEY,\* ALBERT SPICER LATHROP, CASPER CHARLES LATOUR, with high honors in History and Politics; PHILLIP B. LEAVITT, ALLAN BADER LEERBURGER, HENRY LEVIN,\* SAMUEL HARRY LIEBERMAN, MILTON BENJAMIN LINDBERG, SHI YUNG LU,† HAROLD JOHN MAHNKEN,† SIDNEY MATTISON,† ARTHUR ROBERT MENGEL,† LOUIS NADEL, GIRARD FRANKLIN OBERRENDER,† FREDERICK JOHN PEPPER,\* JUAN AUGUSTO PEREA,\* SALVADOR PEREA,\* MORTIMER M. RИPIAN, MEYER SEYMOUR ROBINSON,\* ISIDORE THEODORE ROSEN, DAVID INGERSOLL ROSENBLUM,† RAPHAEL PHILIP RUSSAKOW, JAMES EARL RUSSELL, Jr., SYDNEY PINCUS SCHWARTZ, PAYTON WESTBROOK SPENCE, ABNER STERN, PAUL STREGER,† IRVING SITTENFIELD STROUSE, ALVA TURNER, STEPHEN VALENTINE, Jr.,† RICHARD WAGNER, Jr.,\* with honors in mathematics; MAURICE C. WALSH, JOSEPH VINCENT WARD,\* DANIEL DUDLEY WARNER,† JAMES RUSSELL WELDING,\* RENÉ ALBERT WORMSER.\* *Addendum to 1917.* HARRY A. YERKES, Jr. [75+1]

*Bachelor of Arts Certificate for Academic Record and National Service.* MERWIN ASH, Jr., Fourth R. O. T. C.; LESTER ALEXANDER BARBER, 2d Lieut., Inf. O. R. C.; CHARLES RICHARD BARRETT, Sergt., U. S. A.; EVERETT WHEELER BARTO, Pvt., 303d Field Signal Corps, U. S. A.; GEORGE ROSWELL BAXTER, U. S. Signal Corps; JOHN W. BROWN, C. P. O., U. S. N. R. F.; JOSEPH HENRY BROWN, C. P. O., U. S. N. R. F.; DAVID AUSTEN COCHRAN, Corp., Base Hospital No. 37, N. A.; MAURICE ALBERT COHEN, Q. M. Sergt., U. S. Ambulance Service; JULIUS PENNEZ COLLVER, Corp., Hospital Corps, U. S. A.; ANTONIO M. CONTI, 3d Class Yeoman, U. S. N. R.; FREDERIC RENÉ COUDERT, Jr., 1st Lieut., 105th Infantry, N. A.; FREDERICK NAPOLEON COUTISS, 2d Lieut., 5th Regiment, U. S. Marines; HOWARD WRIGHT COURTNEY, Pvt., 106th Infantry, N. A.; ARTHUR RICHARD CRAWFORD, Pvt., Hospital Corps, Unit B. N. A.; JOHN PATRICK CREHAN, 2d Lieut., 8th Field Artillery, U. S. A.; WILLIAM THOMAS CRISWELL, Jr., Ensign, U. S. N.; JAMES HOWLAND DONALDSON, 2d Lieut., Inf., O. R. C.; RICHARD ROBINSON DONNELL, Pvt., Ambulance Service, U. S. A.; LEON DAVID FREUDENHEIM, Seaman, U. S. N.; CHARLES PRENTICE GOODHUE, Q. M., Officers' Training School, U. S. N.; JOHN HENRY GUILSHAN, Cadet, Avia-

tion Section Signal Corps, U. S. A.; JOHN HENRY HALPIN, Cadet, Aviation Section, Signal Corps, U. S. A.; CHRISTOPHER JOSEPH HARRISON, Sergt., Ordnance Dept., N.A.; THOMAS ALEXANDER HEGARTY, Corp., Signal Corps, U. S. A.; CLIFFORD HOLLANDER, Ordnance Dept., U. S. A., Gen. Hospital No. 6, Fort McPherson; JOHN CHARLES KILROE, 2d Lieut., Aviation Sec., Signal Corps, U. S. A.; CLARK PORTER KUYKENDALL, Pvt., Ambulance Service, U. S. A.; ALWYN GORDON LEVY, Royal Flying Corps, Canada (Died in Service); DUNCAN W. LEYS, 1st Sergt., Ambulance Corps, U. S. A.; RALPH WALDO LUCE, Pvt., H. Q. S. Det., U. S. M. C.; SELDEN PARTRIDGE MCCABE, Pvt., U. S. A.; EDWARD MCGARVEY, Jr., 2d Lieut., Co. H, 306th Inf., U. S. A.; GERALD FRANK MACHACEK, Presbyterian Hospital Unit, No. 1, General Hospital British Exp. Forces; KENNETH WILLIAM MACKSEY, Sergt., Q. M. C., U. S. A.; CHESTER STEPHEN MASSETT, Pvt., 105th Inf., U. S. A.; GEORGE HUNTER MERRITT, Cadet, Aviation Section, Signal Corps, U. S. A.; LAURENCE HERBERT NICHOLS, 1st Lieut., Inf., U. S. A., D. O. L.; ROBERT ROY O'LOUGHLIN, 2d Lieut., Co. M, 9th Inf., U. S. A.; OSCAR HAROLD OSSWALT, 13th C. A. C., U. S. A.; ROBERT LEE PEEK, Jr., Pvt., Co. K, 107th Inf., U. S. A.; ROBERT OTIS PENNELL, Pvt., Battery A, 16th Field Artillery, U. S. A.; LOUIS JOHN POPPER, Sergt., Q. M. C., U. S. A.; ROBERT ADDISON REESE, 1st Lieut., Aviation Sec., Signal Corps, U. S. A.; ARRIGO RIGHI, Lieut., 2d. Regt. Grenadiers, Italian Army; MEREDITH JONES ROBERTS, 1st Lieut., Aviation Sec., Signal Corps, U. S. A.; PHILIP AVERY ROGERS, Y. M. C. A. service in France; RANDOLPH MARSHALL SAVILLE, 2d Lieut., Inf., O. R. C., D. O. L., U. S. A.; JAMES HENRY SCHMELZEL, Jr., Pvt., Q. M. C., U. S. A.; LAWRENCE STRANAHAN SCOFIELD, 1st Lieut., Inf., 152d Depot Brigade, U. S. A.; MATTHEW JOSEPH SHEVLIN, Pvt., 1st Class, Co. A, 105th Machine Gun Battery, U. S. A.; ROBERT SICKELS, Pvt., Co. E, 303d Eng., U. S. A.; RALPH ERSKINE SWINBURNE, Pvt., 413th Telegraph Bat., S. C., U. S. A.; FRANKLIN REMBRANDT UHLIG, Chief Q. M., 2d Regt., U. S. M. C.; CARL CONDIT VAN NESS, Cadet, Aviation Sec., Signal Corps, U. S. A.; HERBERT EBERHARD VOLLMER, Q.M., N. A. R., T. S., U. S. N.; FRANK TAYLOR WARD, Pvt., 11th Co., 152d Depot Brigade, U. S. A.; CHANDLER WATERMAN, Pvt., Ambulance Sec. 577, French Army (Died of wounds, April 5). [58]

## MEDICINE

*Doctor of Medicine.* HENRY DAWSON ALLEN, Jr., B.S., Georgia 1916; GEORGE CLINTON ANDREWS, Jr., A.B. Cornell 1912; EMANUEL APPELBAUM, A.B. 1916; FRANK LUSK BABBOTT, Jr., A.B. Amherst 1913; WILLIAM JAMES BARNES, A.B. Hamilton 1914; MELCHISEDECH ALFRED BARONE, B.S. 1916; HUGH MARTIN BEAM, A.B. Wake Forest 1912, A.M. 1913, B.S. 1917; ALAN FREDERIC BIERHOFF, A.B. 1916; CHARLES LA MONTE BRIEANT, B.S. 1916; GEORGE EMMETT BROWNING, Jr., D.D.S. Chicago Coll. of Dental Surg. 1909; ERNEST EVERETT BUNZEL, Litt.B. Princeton 1914; WILLIAM EDWARD CAMPBELL, Jr., B.S. Georgia 1913; RUPERT FRANKLIN CARTER, B.S. Wake Forest 1916; GEORGE GILFILLAN COCHRAN, Jr., B.S. 1916; JOSEPH PLUMB COCHRAN, A.B. Williams 1914; MORRIS COHEN, B.S. C. C. N. Y. 1912; GEORGE ERNEST COLLENTINE, B.S. Wisconsin 1916; PERCY GILLETTE CORNISH, Jr., A.B. Yale 1914; BENJAMIN HERMAN CRYSTAL, Ph.Ch. 1914; GILMAN STERLING CURRIER, B.S. 1916; ALLEN RILEY CUTLER, Jr.; JOHN HORTON DANIELS, A.B. Minnesota 1914; GEORGE HAMILTON DAVIS, B.S. Wake Forest 1914, A.B. 1916; GEORGE MILLARD DAWSON, B.S. 1914; MORRIS DINNERSTEIN, B.S. 1916; DAVID STODDARD DOOMAN, WALTER LAWRENCE FELT, B.S. Utah 1914; WILLIAM HINRICHS FIELD, A.B. Williams 1913; WILLIAM FINKELSTEIN, Ph.Ch. 1913; OSCAR GEORGE FINKLE, Jr.; PHILIP FINKLE, A.B. 1916; HENRY SALL FISCHER, B.S. 1916; HILAND LEE FLOWERS, B.S. 1916; DUNCAN MAC TAVISH FULLER, Ph.B. Yale 1913; JOSEPH GOLDSTEIN, Ph.Ch.



1914; FRANKLIN MYERS GOODCHILD, B.S., Stetson 1914; RICHARD EMANUEL GORDON; RUDOLPH VICTOR GORSCH, A.B. N. Y. Univ. 1911; LEO YEARWOOD GRANGER, B.S. Dartmouth 1916; RENÉ JOSEPH GULDNER, J.D. Strassbourg 1912; HERBERT LYNN HALBERT, B.S. Hobart 1913; CHARLES EDWARD HAMILTON, A.B. 1916; ADOLF FRIEDRICH HERRMANN, Ph.D. Univ. of Kiel 1908; WILLIAM FRANCIS HESLIN, Jr., A.B. Fordham 1913; SAMUEL HIRSHFELD; JOHN SMALLBROOK HOWKINS; CLARENCE PAYNE HOWLEY, A.B. Fordham 1914; PAUL LOVEJOY HUDSON; CARL HALLER ILL, B.S. Princeton 1914; RUDOLPH KRAMER, B.S. C. C. N. Y. 1914; DONALD EDWARD LAW, A.B. Dartmouth 1915; MORRIS LAZERSON, A.B. Rochester 1913; EDWARD LEHMAN, A.B. 1914; CHARLES WILLARD LESTER, A.B. Williams 1914; HAROLD ROBERT LEVE, A.B. Rochester 1915; MORRIS HERMAN LEVINE, Ph.Ch. 1914; HALLOCK LUCE, A.B. Amherst 1914; AARON SCOTT MACLAIRE; CLAMOR HENRY MAGNA, Jr.; SIGMUND MANHEIM, B.S. Princeton 1914; ALEXANDER MANNE; WILBUR CHAPMAN MEDILL; RALPH WENDELL MITCHELL, A.B. Indiana 1914; S. ARTHUR MORRIS, Ph.Ch. 1911; WILLIAM MORRIS, A.B. 1916; GEORGE ERNEST MUEHLECK, A.B. Princeton 1914; HARRY AUGUST NAUMER, B.S. 1916; ALEXANDER HILL NEAGLE, A.B. Williams 1912; WILLIAM JONATHAN NORRIS, Ph.B. Yale 1915; JAMES FRANCIS NORTON, A.B. St. Peter's 1914, A.M. 1915; SYDNEY NUSSBAUM, B.S. C. C. N. Y. 1914; JOHN JOSEPH O'DOWD, A.B. St. Francis Xavier 1912; IRA MORTIMER OLSAN, B.S. Rochester 1914; COLUMBUS AMBROSE O'MALLEY, A.B. 1916; THOMAS STANLEY O'MALLEY, B.S. Wisconsin 1916; FRANK BROCK ORR; HARRY DAVID PASACHOFF; JOHN RICHARD PERKINS, A.B. 1915; FRANK GORDON PETTENGILL, B.S. Dartmouth 1916; RICHARD NORRIS PIERSON, A.B. Princeton 1914; PHILIP CHILDS POTTER, A.B. Williams 1914; THOMAS EDWARD QUIGLEY; HENRY RUDOLPH RADO, B.S. 1916; EDWARD KARL RICHARD, A.B. 1915; ISIDORE SYDNEY RITTER, Ph.Ch. 1914; LEWIS ROBBIN, Ph.B. Lafayette 1914; MAX ROSENZWEIG; HENRY SAMUEL RUBIN, B.S. 1916; ELMER WILLIAM SCHMALZRIED, A.B. Northwestern 1911; FRANK SACKETT SCHONOVER, Jr., B.S. Rochester 1915; JAMES RALPH SCOTT, A.B. Yale 1916; LORRIN ANDREWS SHEPARD, A.B. Yale 1914; THOMAS TROVILLO SHEPPARD, A.B. Yale 1914; EARL LOBARK SKIDMORE; CHARLES ADNA SMITH, A.B. Wisconsin 1916; NATHAN SOBEL; FRANK DANIEL SPENCER, B.S. Utah Agri. Coll. 1913; FRED LEAVER STAUFFER, B.S. Utah 1916; KARL LUDWIG STEINHOFF, A.B. C. C. N. Y. 1913; ISIDORE STEINMAN, Ph.Ch. 1913; ROBERT ABRAM STEPHENSON; HAROLD COE STUART, Litt.B. Princeton 1914; EUGENE SHAW SULLIVAN; EDWARD HARRISON SUTLIFF, A.B. 1915; SAMUEL ARTHUR SWAYNE, A.B. De Pauw 1913; FREDERICK RICHARDS TAYLOR, B.S. Utah 1916; OTTOKAR TENOPYR, B.S. 1915; SAMUEL SEYMOUR TRISCHETT, A.B. 1916; JOHN INSLEY BLAIR VAIL, B.S. Princeton 1910, A.M. 1913; RICHARD GWYN WATSON, A.B. Oregon 1914; JOHN WILLIAM WEBER, A.B. St. John's 1913; SYDNEY WEINTRAUB; RANDOLPH WEST, A.B. Princeton 1912, A.M. 1913; CLIFFORD GRETE WESTON; HARRY WILLIAM WIRKLICH, Ph.Ch. 1914; ELIAS SPENCER WRIGHT, B.S. Utah 1916; WILLIAM LEVETT YEATON, Jr., JEROME MARTIN ZIEGLER, A.B. C. C. N. Y. 1914.

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## LAW

*Bachelor of Laws.* JAMES MARTIN ADIKES, A.B. St. Francis Xavier 1913; WILLIAM HAROLD ARNOLD; FREDERICK CURTIS BANGS,† A.B. Yale 1913; MORRIS BERICK, A.B. 1916; WILLIAM BIRSCHENK, A.B. 1916; DOUGLAS MACCRAE BLACK, A.B. 1916; PHILIP BONGIORNO, A.B. 1914; LORENZ JOSEPH BROSNAN, A.B. Manhattan 1915; NICHOLAS BUCCI, A.B. 1916; WILLIAM DICKSON CUNNINGHAM, A.B. Yale 1915; LOUIS CZAJKA,† ARTHUR GRANT DONNELLY,\* A.B. Yale 1915; GEORGE GOODMAN ERNST, A.B. Williams 1915; DANIEL HAROLD EVANS, A.B. Trinity (Conn.) 1915;

\* October, 1917. † February, 1918.

FRANCIS BARNES GOERTNER, A.B. Harvard 1915; WALTER CAMPBELL GOODWIN,† B.S. 1917; JAMES THOMAS GRADY,\* THOMAS JOSEPH GRAY, A.B. Manhattan 1915; ROMAINE LANSING HOGAN,† Litt.B. Princeton 1914; JOSEPH LEON ISRAEL, A.B. Alabama 1915; LESTER HAND JAYNE; STEPHEN ARNOLD DOUGLAS JONES; CHARLES LEONARD KAHN, B.S. 1916; HARLAN AARON KASHDEN, A.B. 1916; DAVID MAURICE KLAUSNER, A.B. 1916; SAMUEL LATKIN,† LL.B. Arkansas 1915; FREDERIC PADDOCK LEE, Ph.B. Hamilton 1915, A.M. 1917; ISADORE BAER LEVINE, A.B. 1915; EDWIN LEVISOHN;† JOHN USHER LOOMIS, A.B. Dartmouth 1914; HOWARD JAMES MACLACHLAN,\* A.B. 1915; JEROME ERNEST MALINO,\* A.B. C. C. N. Y. 1914; ARTHUR JOSEPH MESSING, A.B. 1916; OSCAR LLOYD MEYERSON, A.B. C. C. N. Y. 1915; VINCENT JOHN MULVEY, A.B. Syracuse 1915; VICTOR FRANCIS NEKARDA,\* A.B. 1914; MORTIMER NEUMAN, A.B. C. C. N. Y. 1915; HERBERT PELS, B.S. C. C. N. Y. 1915; JOSEPH W. POPPER,\* LL.B. Mercer 1916; ALFRED RICCIARDI, A.B. Cornell 1916; MORRIS P. SCHAFER,\* B.S. Union 1914; EMANUEL SCHOENZEIT, A.B. 1916; JACOB JOHN SCHULMAN,† A.B. C. C. N. Y. 1916; FRANK DUNLAP SHAW, 2d,\* A.B. 1914; EUGENE ARTHUR SHERPICK, A.B. 1916; ELIOT CONGDON SMITH,\* A.B. Cornell 1914; GEORGE BYRON SPENCER, A.B. Missouri 1915; JOSEPH WHITLA STINSON, B.S. in Arch., 1906, C.E. 1907; THEODORE HEINRICH THIESING; JULIUS WEISS, A.B., C. C. N. Y. 1915; ROBERT BLACKWOOD WILLIAMS, A.B. Princeton 1914; ABRAHAM CHARLES WOLOWITZ, B.S. C. C. N. Y. 1915; JOSEPH EDWARD WORTHINGTON, Jr., A.B. Williams 1914; HERBERT WILLIAM ZOELLNER, A.B. 1916. [54]

## SCIENCE

*Engineer of Mines.* SYLVAIN SLEYMAN ABOUCHAR,\* W. NORMAN BRATTON, EDGAR KRAUS, WILLIAM SMITH LIVINGSTON, Jr.\*, CHARLES FRANKLIN MACCARTHY,† ALEXANDER MILYKO,\* MILLARD FRANCIS NESBIT, A.B. Montana 1915; WALTER ARNOLD RUKEYSER, B.S. Princeton 1916; WILLIAM EARNEST WIDMER, B.S. Northwestern 1915. [9]

*Metallurgical Engineer.* MAXWELL EMORY ERDOFY,† [1]

*Civil Engineer.* CORNELIUS A. BOYLE,\* EDUARDO CABRERA GAINSBORG, WILLIAM JOSEPH KUPEC, B.S. C. C. N. Y. 1915; HARRY WILLIAM LESHENSKY,\* RICHARD RIKER MOORE,\* OTTO NEUMER, TIMOTHY JOSEPH NORTON, B.S. 1915; LOUIS TARNOPOLL,\* [8]

*Electrical Engineer.* JOHN CECIL GABRIEL,\* RICHARD FREDERIC ANTOINE MULLER,\* JOSEPH CAROL WALLACH,\* [3]

*Chemical Engineer.* WENDELL GILMAN FOGG, A.B. 1915; JULIUS GORZO, B.S. Carnegie Inst. of Tech. 1915; WILLIAM MALISOFF, B.S. 1915. [3]

## ARCHITECTURE

*Bachelor of Architecture.* MICHEL MIECZYSLAW KONARSKI,\* B.S. 1914. [1]

*Certificate of Proficiency.* (Addendum to 1917) ARTHUR NORMAN CLOUGH. [1]

## BARNARD COLLEGE

*Bachelor of Arts.* CATHERINE ACCURSO, STELLA ELNA ADLER, MARION ALLEMAN, SOPHIA MCKINLEY AMSON, *cum laude*, EDITH RUTH ARCHER,† FLORENCE GERTRUDE BARBER, MARY FOSTER BARBER, *cum laude*, FLORENCE BARRETT, EMMA LOUISE CAROLINE BARTLETT, EDITH HORTENSE BAUMANN, MARY COOPER BENSEL, GERTRUDE MUNN BERGSTROM, MARIE BERNHOLZ, MILDRED BLOUT, GRACE DALAND

\* October, 1917. † February, 1918.

BONNELL,\* MARJORIE WALTON BRAINE,\* HELEN RENWICK BROWN, ELSA ANNA BUCH, JOYCE BUCKBEE, RUTH BUNZEL, CHARLOTTE REDMOND BURNS,† MARY ELIZABETH BURNS, RUTH ZOÉ MARIE BUVINGTON, ALICE EDMERE CABANA, EDITH ROSALIE CAHEN,\* EVELYN GERTRUDE CAHEN,\* OLIVIA CAULDWELL, ALVINA COBANKS, DOROTHY BERYL CONNOR, ELEANORE ROSE IMOGENE CORYELL, MARY CAROLINE CRAIG, GLADYS MARIE CRIPPS, ANNETTE LOUISE CURNEN, FLORENCE CUTTRELL, MARGARET JANE DARROW, ETHEL GORDON DAWBARN, CHARLOTTE DICKSON, DOROTHY ARDELL DIRKES, MILDRED ELAINE DRAKE, BESSIE EHRLICH, NELL FARRAR, BERTHA MARION FISCHER, ROSE FISCHER, KATHLEEN ANNIE FISHER, MARGARET FLORA,† JANET WINIFRED FOUTS, ADELE FRANKLIN, MARTHA LOUISE GERLOFF, ALICE STEARNS GIBB, LORINDA MARGARET GIDDINGS, ESTHER HERMAN GOLDSTEIN, DOROTHY GRAFFE, ISABEL GREENBAUM, MARY ROSE MILLIE GRIFFITHS, ELSA BRANDON GRIMM, CAROL LATHROP GRIMSHAW, EDITH GROSS, PAULINE GROSSMAN, CAROLYN HOBART HARRIS, NATALIE PLOUGH HARRIS, MARGARET ARNOLD HARRISON, GENEVIEVE HARTMAN,\* FRANCES FIELD HAYNES, LOUISE HEUTERKES, HELEN LOUISE HIGGINS, KATHERINE CECILIA HINES, SUSAN HOCH, HELEN SHELBY HOLBROOK, CONA LOUISE HOLLOWAY, ANNA LOUISE IRBY, DOROTHY MIRIAM JACOBS, HAZEL GLOVER JENNINGS, ANNA JOSEPHSON, DORA KAHN, LUCILE KEELER, EMMA LOUISE KLENKE, MARGARET DEMAREST KLINE, AGNES MERSEREAU KLOSS,\* HEDWIG KOENIG, *cum laude*, ISABEL FOOTE LEAVENWORTH, *cum laude*, MARY ELLEN LENT, MAY ADELAIDE LEVISON, MARIAN LUCILE LEVY, WENDELA ALICE LIANDER, IRMA JOSEPHINE LICCIONE, ADELINA LONGAKER, HELEN MCCABE, MARION FRANCES McCAFFREY, DOROTHY BACHMANN McDONALD, MARGUERITE MACKEY,† HELEN MAY MACLACHLAN, MARY ELIZABETH MAN,† RUTH ELIZABETH MARKEY, THERESA ROSALIND MAYER, MARTHA HARRISON MILLER, STELLA MIRIAM MILLER,\* RHODA JAMESON MILLIKEN, EDITH MAY MOOK, CORA HENNEN MORRIS,\* MARY MARGARET MURPHY, ISABELLE ALEXANDER MURLAND, MARJORIE NICHOLS, LOUISE ISABELLE OBERLE, ELSIE OSCHRIN, HELEN GUTHRIE PIERCE, KATHERINE WARHURST POTT, GRACE POTTER,† HELEN ALICE PURDY, CLARA ADRIANNA RADCLIFF, EVA ANNA REINKE, GRACE ANNA RETZ, CHRISTINE CRUIKSHANK ROBB, JEANNETTE CELIA ROBBINS, ESTHER ANNE ROGERS, MARGARET EDITH ROTHSCHILD, MARJORIE LILLIE ROWELL, FANNIE RUBENSTEIN, ALINE ETTA SANBORN, MARGARET ELIZABETH SAYFORD, *cum laude*, ESTHER SCHIFF, MARGARET SCHLAUCH, *cum laude*, SOPHIA SCHULMAN, ELIZABETH PARVIN SCHUMANN, HARRIET PITTENGER SCOTT,\* BERTHA ARNOW SHERLINE, HELENA SHINE, CLARICE ANNIE SMITH, MARGARET EATON SNYDER, HELEN KENNEDY STEVENS, ELIZABETH MARTHA STEWART, ESTHER ELIZABETH SUTTON, LUCILLE ESTHER TAYLOR, RUTH TOLEDANO, HARRIET WILLIAMS VAN NOSTRAND, MARY NOBLE WELLECK, LILLIAN JOSEPHINE WEYGANDT, HARRIETTE DODGE WHITE, VIOLA KERBY WILLIAMS, VIRGINIA DEBORAH WILLIAMS, ERICA WILLRICH,† LILLIAN WILSON,\* RUTH BEATRICE ZAGAT.† [142]

*Bachelor of Science.* HELEN FRANCES GOLDSTEIN, ELAINE MERCY GRAHAM, LAURA HILDRED, ELIZABETH MARY HOFFMAN, *cum laude*, JESSIE HOFFMAN, HELEN HOLBROOK,† DOROTHY KECK, *cum laude*, FRIEDA KENYON, LYDIA GORDON KLIATSHCO, FLORENCE MARY LENNON, MARJORIE MERRYMAN,\* ETHEL ALVA MOTT, DORA RANDALL, SOLVEIG STROMSOE.\* RUTH WACHENHEIMER. [15]

## EDUCATION AND PRACTICAL ARTS

*Bachelor of Science in Education and Bachelor of Science in Practical Arts.* GRACE ABBOTT, ROSAMOND ADAMS,† SARA VIRGINIA AHRENS, SOLOMON AMSTER, ALICE LINNEA ANDERSON, ERNEST MITCHELL ANDERSON, MARGARET ANDREWS,† GRACE

\* October, 1917. † February, 1918.

BESSILENE ARMSTRONG,\* EVELYN E. ATWOOD, BESSIE AVCHEN,† MARTHA ELIZABETH BAIN, FLORENCE BALDWIN, MARION KATHERINE BALLOU, EDITH M. BARBER,\* BERTIE FORD BARNES, EARL W. BARNES,† PERCIVAL SIMPSON BARNES,† ADELAIDE A. BARTS, SERA AGNES BAUMGARTNER, CLARA BRADFORD BEASLEY,† WILLIAM WATSON BEAUMONT, ETTA SOPHIA BEBEE, KATHLEEN SUE BECK (Mrs.), LOLA AGNES BEELAR, RAMA VIRGINIA BENNETT, MIRIAM BLACK, MARGUERITE ISABEL BLANCHE, ELIZABETH CAROLINE BLATZ,\* HELEN CANON BLIVEN, ELEANOR MIOT BOATWRIGHT, MADGE TOZER BOGART, SARAH HELEN BRIDGE, ELEANOR TYSON BRIDGMAN (Mrs.), MARGARET BOUGHTON BRINCKERHOFF, HELEN BRODIE, BESS EVELYN BROWN,\* ELIZABETH KIRKBRIDE BROWN, MAE CASTLE BROWN,\* MARGUERITE E. BROWN, JOHN BUCKLEY BRYAN,† META DOROTHEA BUERMAYER, LOUISE R. MANTELL BURNS (Mrs.), ALMA DOROTHEA BUSCHMANN, THEODOSIA TUCKER CALLAWAY, ROSAMOND INEZ CAREY, MABEL CARNEY, FRANCES WINIFRED CASTELLO,† NINA LENITA CHAMBERLAIN, SZE-YI CHANG, MAUDE FRANCES CHAPLIN,\* MARY MORRIS CLAYTON, ISABEL CLEGG,\* MILDRED ETHEL COFFIN, MARGARET HELEN COLE,† GERTRUDE EDITH CONANT, EDITH CONGER, ALICE E. CONWAY, GLADYS H. COOK, SHERMAN ROBLEY COOK, KATHARINE MARIE COOPER, ROBERT C. CRAIG, KATHRYN MINOR CRAWFORD, L. TERESA CRONIN, MAUD GENEVIE CROSSETT, DANIEL JOSEPH CROWLEY,\* ELIZABETH JEAN DAVIDSON, LOIS HEGEMAN DAVIS,\* MARJORIE ALICE DICK, MARION ELLEDA DICKENSON,\* NELLIE E. DOWD, MURIEL CONSTANCE EASTBURN,\* GERTRUDE FRANCES EATON,† LYNDA ERNA EBERBACH, RENA SARA ECKMAN, ALICE M. EDLING, DOROTHY WINTHROP EMERY, MARY EVANS, MARJORIE EWING, VERA V. FANNING, ETHEL FARRINGTON, VETA FRANKLIN,\* FLORENCE DODGE FREAR, LUCILE GRACE FRENCH, HELEN FROST, FLORENCE IDELE FULLER, ESTELLE GANZ, BEATRICE STURTEVANT GARDNER, CLARA SEVERINE GILBERT, DORIS GILLARD, EDITH GLADYS GILMAN, ESTHER ALICE GILMAN, ALTA GIVEN, MYRA HARRIETT GODDARD, FLORENCE KLEINER GOODMAN, KATHARINE BROWN GOODRICH, MARY LEILA GORDY,\* HULDA MAUD GOTSHALL,\* ANNIE BROOME GRAY,\* ROSE RUTH GREENWALD,† MARY GREIG, LULA COBLEIGH GROVE,\* MARIAN ROCKEFELLER GUERNSEY, JESSIE CATHERINE GUTHRIE, MARION JANE HAGADORN, LOUISE CAROLINE HAHN, GRACE MAY HALCY,† HIRAM EMORY HALL,\* BERTHA HARMER, JAMES EDWARD HARRIS, BERTHA KATHERINE HASKINS, CHARLOTTE HERCKNER, EMMA CHARLOTTE HESS,† HANNAH HILL, RUTH ELIZABETH HILL, BARTA EMMA HILLIARD (Mrs.), ADA ADELIA HILLIER,\* ELEANOR HILLHOUSE,\* EDNA B. HINDENNACH, KATHARINE REBECCA HIRST, REBEKAH BARNETT HOFFMAN,† LOUISE GERTRUDE HOLBROOK, GERTRUDE GRAY HOLLIS, HELEN IRENE HUME, MABEL FOSTER HUNTLY, MABEL IONE HUTCHINGS, BARNEY HYMAN, MARY GILLESPIE ILLMAN, WINIFRED ANNE INGERSON, EDITH INKS,† ANNA B. IRELAND, JESSIE TAYLOR ISLES (Mrs.)\* JACOB JAFFE,† REBECCA SINCLAIR JANNEY, EMMA BOTILDA JENSEN, SARAH E. JOHNSON, ANITA LOUISE DUNCKER JONES (Mrs.), HELEN F. WEBB JONES,\* LOUISE KASTER, ANNA RANDOLPH KEIM,\* MAY DUNKIN KEMP, MAY KENNEDY,\* OLIVE INGALLS KENNEDY, MARY DOUGLAS KENNERLY, HELEN TEFFT KINGSLEY (Mrs.), ALICE W. KINTNER, MARGUERITE JOSEPHINE KLAUBERG, EMMA EVELYN KNIGHT,† AGNES MARIE KOLSHORN, DORA KREYKENBOHM,† LUISE HEINRICH KUDLICH, EDNA EMMA LAMSON, ELIZABETH CLARA LANGE,\* HENRIETTA M. LANGNER, LOUISE BERNER LANTZ, JESSIE ELIZABETH LA SALLE,† MARGARET BELL LAWSING, IVA MARJORIE LEACH, EVELYN MARCELLA LEE, KATHERINE F. LEE, LOUIS A. TIRAPEGUI LEIVA, CHIEN HSÜN LI, MADELINE L. LIBERT, INEZ MAE LIED, HELEN LOUISE LISLE, FANNY LISSAUER,† ELIZABETH REESE LITTLE, DOROTHY AUGUSTA LLOYD, LILLIAN HENDERICKSON LOCKE, JOSEPHINE LOEB, GERTRUDE LONGLEY,\* DANIEL CHRISTOPHER LUCEY,\* MARIE GUSTAVA LUNDBERG,\* MARY THERESA

\* October, 1917. † February, 1918.



LUTZ, BESS LYDIA McALLISTER, JESSIE MACCLYMONDS, HARRIETTE ELIZABETH MACFADDEN, NINA VIOLA MCFARLANE, MATILDA JANE MCGOWND,\* MARY WATERS McKECHNIE, MARGARET McLEAN, FLORENCE EDITH McLOUTH,\* HELEN MAY MACMILLAN, JANET MACNAUGHTON, IRENE MARIE MACK, PATTRONELLA MARIE MADDI, GILBERT MAIN,† CATHARINE LINSLEY MALBY, MARGARET ELDER MANN, LOLA MAY MARCH, SALOME ELLEN MARCKWARDT, FRANCES V. MASON,\* DOROTHEA ELIZABETH MATTESON, EVELYN S. MAYER, WINFRED C. P. MEDDINS, EUGENE L. MENDENHALL, ELIZABETH RIDER MERRITT, HELEN LOUISE MESERVE,\* IDA RUTH MEYER, MAREA MILLER, MARY MAY MILLER, MARIAN EMILY MILLS,\* HELEN BROWNE MORAN, FLORENCE MOSES,† MABEL ELIZA MOSS,\* MARJORIE WAYNE MULLIN, KATHERINE MARIE MULRY, ROBERT STEVENS MYERS,\* ELIZABETH CHURCHILL NICKERSON,\* ROSALIND URQUHARD NORRIS, LUCILLE REBECCA NUSBAUM, MARY PATRICIA O'DONNELL, JOHN WILLIAM ELLERY OLIN, SIGURD B. OLSON, GRETCHEN POND OSTRANDER, DORA MARIE OTTO, HELEN MILDRED OWEN, FRANK CHARLES PANUSKA, LA VINNE PARKE, MARY ALICE PARKINSON, E. MAUD PATCHIN, GRACE AGNES PATTISON, LILLIAN PEEK,\* BLANCHE PEPPE, CAROLINE FINNINGER PETERSON, CELIA GERTRUDE PHELPS, ELIZABETH BARCLAY PHILLIPS, ETHEL BLANCHE PICKETT, ELEANOR DAWSON PINKERTON, ELSA POHL, LOUISE ELIZABETH POULL,\* MARY MCUE PRICE, REUBEN RANDALL PURCELL, FRANCES JACOT QUILLIARD,\* HELEN RABINOWITZ, MARION BRITTON RAFFERTY, WILLIAM LE ROY RAISCH, MARGARET ELIZABETH RAPP, KATHARINE REIDY,† LUCY N. RETTING, HELEN MARY REYNOLDS, ELLA RHODES, DAMARIS RISNER, MARGARET RITCHIE, MARGARET JANE ROBERTSON, WILLIAM DAVID ROBERTSON, DORA ROBLE, CAROLYN ISABELLE RODGERS, GERTRUDE ROOSE, ABRAHAM ROSENTHAL,† JESSIE DOLSEN ROSS, MARION ARLETTA ROSS, HELEN ROYCE, HELEN E. HOBBS RUSSELL, JULIA RYDER,† ETHEL TRIPPETT LEFFINGWELL SAMPLE (Mrs.), MARY LILLIAN SCHAPIRO (Mrs.), ELSA SCHMIDT, EMILY CATHERINE SCHODER, FREDERICK CONRAD SCHOENING,† BERTHE CATHERINE SCHUTZ,\* MAE LOUISE SCHWARTZ, ETHEL CATHARINE SCOFIELD, FLORENCE M. SCOTT, FLORA SECTOR, GLADYS SHAFER, MYRTA DOROTHY SHANK, BARNEY SHAPIRO,\* GRACE PHYLLIS SHEETS,\* KATHARINE GLORIA SHELTON, MARY WHEATON SHERMAN, MARION JAY SHERWOOD, ANNA GERTRUDE SHIGO, CAROLINE ANNA SIBLEY,\* GERTRUDE AUGUSTA SIEBERT,\* GRACE E. SIGLAR, MARJORIE SIME, ANNE D. SIMRALL,\* PATTIE LUCILE SINCLAIR, BERTHA A. SING, MILDRED L. SIPP, FRANCES HORTENSE SMITH, IRENE MARIE SMITH, ELMER W. SNYDER,\* SAMUEL S. SOLENDER, ELIZABETH ADELE SPAULDING, LULU ELISE STALLMANN,\* ANNA P. K. STAPLER, CORA ANN STEELE,\* FREIDA STEINSCHNEIDER, LOUISE SOPHIA STEINWAY,\* MARY CLINE STERRETT,\* HAROLD DUNCKEL STEVENS,† FLORENCE H. STEWART, ALICE MARGUERITE STICKNEY,† DOROTHY ANDERSON STORMS, JOSEPHINE E. STULL, MINNIE SUCKOW, MARGARET SWEET, FRED A VIRGINIA SYZE, CHRISTINE AGNES TAYLOR, MARY ALVIRA TAYLOR, FRANCES A. TERRILL, FLORENCE TERRY, MARY SCOTT THAYER,† CHARLES HENRY THOMAS,† MARY DANN THOMAS,† STELLA IRENE TRANE,† EDITH HOWARD TRESSLER (Mrs.), SARAH LOUISE TREYZ, ETHEL LONG TROY, SARAH SPALDING TUPPER,\* MARY BROOKINGS TUTTLE, GEORGIANA TYLER, EVELYN TYNDALL,† LUBA CHRISTO TZETANOVA, EMMA MATILDA UELAND,\* LENA CHEW VAN BIBBER,\* GLADYS VAN RIPER, FRIEDA VAN SICKLE,\* ELSIE MARION VAN VOLKENBURGH, ROY BENJAMIN VAUGHAN,† KATHERINE ALLEN WALLER,\* ELIZABETH ZABRISKIE WALSER, GLADYS JOSEPHINE WARD,† KAETHE SUPPLIES WATERS, ELLEN PIKE WATSON, ESTHER WATSON, MARION EVELYN WATSON, ROSALIE WHEELOCK WATSON, ANNA R. WEBER, ERNEST LESTER WELBORN,\* ANNA HUNT WELLS, GRACE TAYLOR WELLWOOD,† MABEL ELIZABETH WESTGATE, GLADYS SHERWIN WHITE, EDA G. WILLARD, MARY N. WILLIAMS, EFFIE MAY WILLIAMSON,\*

\* October, 1917. † February, 1918.

PAULINE BROOKS WILLIAMSON, EVA WILSON,\* FLORENCE ALDEN WILSON, AMELIA WINFORD, MABEL CORINNE WOOD, EMMA PARKS DEAL WRIGHT,\* CLARISSA LORETTA GERTRUDE ZONS.† *Addendum to 1917.* ELEANOR LENA SEIFERD.

*Diploma in Education: Awarded in connection with the degree of Doctor of Philosophy: Instructor in Education.* CHESTER ARTHUR BUCKNER, HUBERT GUY CHILDS, ROBERT ALEXANDER CUMMINS, CHARLES TEMPLEMAN LORAM, WILLIAM ARTHUR MADDOX, STUART GRAYSON NOBLE, WALTER THOMAS WOODY.

*Diploma in Education: Awarded in connection with the degree of Master of Arts: Superintendent of Schools.* CLINTON MCCLARTY ALLEN, OSCAR WILLIAM ALM, CHARLES FREDERICK BECKER, IRA J. BRIGHT, IRA T. CHAPMAN, OLIVER PERRY CLUTTS, JOHN HARRISON COOK, EUGENE MORGAN CROUCH, EGBERT ERVEN FELL, ERNEST WILDER FELLOWS, JOHN THOMAS GYGER, OTTO TEMPLAR HAMILTON, LEWIS PERCIL HOLLIDAY, ROY A. JACKSON, RALPH WALLACE JOHNSON, CHARLES CLINTON KOCHHEISER, CLINE MORGAN KOON, WILHELMINA LINTZ, NICHOLAS PATTISON LUCKENBILL, CECIL CLARK MACDONALD, RAY HILTON MCINTOSH, ROBERT RISING MORROW, HERBERT HAYS MURPHY, ALVIN CLARENCE PAYNE, FRANKLIN EDWIN PIERCE, OSCAR MORTON PITTENGER, ELMER LLOYD PORTER, BALLARD DELBERT REMY, ELMER ROY RIKE, WENTWORTH ROGERS, OMAR T. SADLER, JOHN WARD STUDEBAKER, RALPH WALDO SWETMAN, CLARE CARLYLE THOMPSON, HERBERT A. TRAPP, WILLIAM FREDERICK VOGEL, CURTIS PORTER WEEKS, BYRON FRANK WHITFORD, WALTER ALBERT ZAUGG,

*Principals of High Schools.* CLINTON ELLSWORTH FARNHAM, WILLIAM HENRY GILBERT, FRANK LEON GROVE, MILFORD SCOTT HALLMAN, CARL BLAINE NEWLON, FRANK GERALD PICKELL, CLARENCE NEVEL SMITH, WILLIAM ALEXANDER SPENCER, BOYD FIEDLER WINKLEBLECH.

*Principal of Junior High School.* JAMES ARTHUR STARKWEATHER.

*Supervisor in Normal Schools.* SARA MITCHELL ARMSTRONG, DORA ALICE STATES.

*Supervisor of Elementary Schools.* ARUBA BELLE CHARLTON, HELEN ATWATER FIELD, MARTHA GROVER KNIGHT, ALICE MARIE KRACKOWIZER, LEORA VAIL.

*Supervisor of Kindergartens.* BLANCHE LOUISE BIRCH, HELEN COE CLOWES.

*Teacher in Kindergartens.* ESTHER VAN LEER KATZ, ALICE PIERSON SWETMAN (Mrs.), ELINOR BUSHNELL TOWNSEND, MARY MARGUERITE WHITMARSH.

*Adviser of Women.* AGNES SCOTT SAUNDERS, HARRIET SAWYER, MABEL LYTTON, CAROLYN BERNICE SANFORD.

*Adviser of Girls.* ELIZABETH TOWNSEND HARNED, ALICE MARY WALKER.

*Teacher of Education.* BLANCHE FOSS BOWDLE, HO CHIN CHEN, SHAO CHANG LEE, ARTHUR ALEXANDER MADISON, HELEN PIOTROWSKA, WEN-PEI WANG.

*Psychologist.* ROSA JACKSON BAXTER, LUELLE EVA BEHRENS, CLARA FRANCES CHASSELL, LAURA MERRILL CHASSELL, MARGARET EVERTSON COBB, JOSEPHINE RICHARDS GLASCOCK, MARY ALDEN MORGAN HAUPT, JULIA MATHEWS.

*Supervisor in Foreign Schools.* FLORENCE HELEN DOE, EVELYN WORTHLEY SITES (Mrs.)

*Supervisor of Special Classes.* MAUD KEATOR.

*Teacher of Biology.* OLIVE FAWCETT PYE, FRANCES LOUISE WEST.

*Supervisor of English.* C. ARTHUR BORKLUND, WILHELMINA DOROTHEA COCKAYNE, CARA MCCOY FINNIE, JAMES HARRY SHOEMAKER.

*Teacher of English.* SARAH JANE ANDERSON, AGNES LOUISE BARLAND, LITA BATTEY, MARION COFFMAN, CORINA BESS COWDEN, MARY BELINDA GRAHAM, VIVIAN ELMA JOHNSON, ELEANOR M. LALLY, GENEVA AURORA LEONARD (Mrs.), MAUDE AGNES McELROY, WILLIAM LOUIS MORRIS, ESTABROOK RANKIN, KATHARINE MIFFLIN REIGART, CLARA AGNES SCOTT, OLIVE J. SMITH, YUET HA TANG,

\* October, 1917. † February, 1918.

NELLIE FLORENCE TAYLOR, GRACE BOOLS WARNER, LOUELLA ORANGE WEBB, EDITH ESTELLE WHITE, MARTHA MAE ZACHMAN.

*Supervisor of Fine Arts.* SHIRLEY MANSFIELD CHARLES, LENA ESTELLE PATTERSON.

*Teacher of Fine Arts.* ETHEL MELINDA GILMORE, FLORENCE MARGARET WILSON.

*Teacher of French.* ANTOINETTE PANTANO. MARY PICKETT.

*Teacher of German.* FRANCES ALBERTINE STOBAUGH.

*Teacher of History.* ELMA HIXON BENTON (MRS.), BARBARA BURKE, JOSEPH LYNN CLARK, FRANK COHEN, SARAH LOUISE COLLINS, ARTHUR FORDYCE GAMBER, AARON ELY PRICE.

*Supervisor of Household Arts.* EDITH PITT CHACE, LENA MABEL CHARTER, HATTY ROSELLA DAHLBERG, SARAH DEBORAH HAINES, FLORENCE HARRISON, LEILA WALL HUNT, BLANCHE ELAINE SHAFFER, LETITIA ELEANOR WEER.

*Teacher of Household Arts.* RENA ELIZABETH BARRY, MARGARET WINONA ETHEL CRUISE, HELEN HAGEMEYER, SARAH DEBORAH HAINES, MARGARET PYNCHON HALL, MARION HAMILTON, EDA AUGUSTA JACOBSON, ELSIE LUCINA JONES, HELEN BELL LEDYARD, FLORA ROBERTSON LINDSAY, BERTHA FRANCES MABBETT, GLADYS IRENE MINER.

*Director of Industrial Arts and Vocational Education.* BERNHARD AUGUST BEINLICH, BERNARD B. BURG, CLARENCE EARLE HEDDEN, RICHARD CARLYLE KELLEY, BENJAMIN TOWNE LELAND.

*Supervisor of Industrial Arts.* FLORENCE ELIZABETH HOUSE, EDMUND EMMETT HARTNETT.

*Teacher of Latin.* BEATRICE AGATHA BURKE, KATHLEEN VALERIE HAYES, ELLA MAY HURLEY, ELIZABETH NEAL ROGERS.

*Supervisor of Mathematics.* CARL NATHANIEL SHUSTER, ISABELLE SOPHIA TOUR, LA VERGNE WOOD.

*Teacher of Mathematics.* MARTHA W. BRECHER, JENNIE MAY CLARK, MARIE LORETTA GUINEE, FANNY ALLEN RAY, MAX SMALL, JOHN JAMES HARRINGTON TRAYNOR.

*Supervisor of Hygiene and Physical Education.* OLIVE MARGARET WHITWORTH, ALMA WICHELS.

*Teacher of Hygiene and Physical Education.* MARGARET MURRAY BARTO, MARY CORNELIA CATLIN, VANESSA GLUCKSMANN, DORA MARY RULAND, MURIEL KATHLEEN TERRY.

*Teacher of Physical Science.* FAYETTE ALBERT NORRIS.

*Supervisor of Religious Education.* EARL EDWARD EMME, HAROLD ATKINS LARRABEE, OTTO MAYER, MAURICE J. NEUBERG, WALTER GUY PARKER, ERWIN LEANDER SHAVER, FRED TREDWELL SMITH.

*Teacher of Rural Education.* MARTHA GROVER KNIGHT.

*Teacher of Scouting.* SUSIE ESTELLA BOYER, LOUISE MAY HALL.

*Teacher of Spanish.* MARJORIE BUFORD WOODFORD.

*Supervisor of Public Health and Nursing.* LILLIAN A. HUDSON.

*Diploma in Education: Awarded in connection with the degree of Bachelor of Science: Superintendent of Schools.* PERCIVAL SIMPSON BARNES, GEORGE WILLIAM CRAIG, JULIA RYDER.

*Supervisor in Normal Schools.* EFFIE MAY WILLIAMSON.

*Critic Teacher in Normal Schools.* DORA ROBLE.

*Supervisor of Elementary Schools.* LULA COBLEIGH GROVE, EDNA EMMA LAMSON, KATHERINE FRANCES LEE, HELEN LOUISE LISLE, KATHERINE MARIE MULRY, ROBERT STEVENS MYERS, GRACE AGNES PATTISON, CELIA GERTRUDE PHELPS, LOUISE STEINWAY, GEORGIANA TYLER, MARY N. WILLIAMS.

*Teacher in Elementary Schools.* ELIZABETH KIRKBRIDE BROWN.

*Supervisor of Primary Schools.* CLARA SEVERINE GILBERT, ELIZABETH REESE LITTLE.

*Teacher in Primary Schools.* BESS EVELYN BROWN.

*Supervisor of Kindergartens.* EVELYN ESTELLE ATWOOD, HELEN IRENE HUME, JESSIE ELIZABETH LA SALLE, MARY SCOTT THAYER, ETHEL LONG TROY, LUBA CHRISTO TZETANOVA.

*Supervisor of Special Classes.* ELIZABETH E. FARRELL, LOUISE ELIZABETH POUILL.

*Teacher of Biology.* OLIVE PYE.

*Teacher of English.* JAMES E. HARRIS, GERTRUDE GRAY HOLLIS, BURR MARTYN.

*Teacher of Fine Arts.* MAUD GENEVIEVE CROSSETT, MARJORIE ALICE DICK, BEATRICE STURTEVANT GARDNER, MYRA HARRIET GODDARD, RUTH ELIZABETH HILL, MABEL IONE HUTCHINGS, MARGARET BELL LAWSING, PATTRONELLA MARIE MADDI, ELIZABETH RIDER MERRITT, REUBEN RANDALL PURCELL, MARGARET JANE ROBERTSON, FREDERICK CONRAD SCHOENING, MARY WHEATON SHERMAN, ANNA ROSINA WEBER, ANNA HUNT WELLES.

*Teacher of French.* BERTHE CATHERINE SCHUTZ.

*Teacher of Geography.* KATHLEEN SUE BECK (Mrs.).

*Teacher of German.* DORA KREYKENBOHM.

*Supervisor of History.* EDITH HOWARD TRESSLER (Mrs.).

*Teacher of History.* FRANCES HORTENSE SMITH, LENA CHEW VAN BIBBER.

*Supervisor of Household Arts.* SARAH HELEN BRIDGE, VETA FRANKLIN, LUCILE GRACE FRENCH, ADA ADELIA HILLIER, LILLIAN PEEK.

*Teacher of Household Arts.* GRACE BESSILENE ARMSTRONG, MARTHA ELIZABETH BAIN, MARION KATHERINE BALLOU, EDITH M. BARBER, ADELAIDE ANNA BARTS, SERA AGNES BAUMGARTNER, MARGUERITE ISABEL BLANCHE, CLARA BRADFORD BEASLEY, RAMA VIRGINIA BENNETT, MADGE TOZER BOGART, HELEN BRODIE, FRANCES WINIFRED CASTELLO, NINA LENITA CHAMBERLAIN, MAUDE FRANCES CHAPLIN, MARY MORRIS CLAYTON, ISABEL CLEGG, MILDRED ETHEL COFFIN, GERTRUDE EDITH CONANT, ELIZABETH JEAN DAVIDSON, LOIS HEGEMAN DAVIS, NELLE ELIZABETH DOWD, LYNDA ERNA EBERBACH, ALICE MILDRED EDLING, IDA M. EELLS, DOROTHY WINTHROP EMERY, MARY EVANS, VERA V. FANNING, ETHEL FARRINGTON, ESTELLE GANZ, DORIS GILLARD, ALTA GIVEN, MARY LEILA GORDY, HULDA MAUD GOTSHALL, MARY GREIG, MARIAN ROCKEFELLER GUERNSEY, LOUISE CAROLINE HAHN, HANNAH HILL, ELEANOR HILLHOUSE, BARTA E. HILLIARD (Mrs.), MARY GILLESPIE ILLMAN, WINIFRED ANNE INGERSON, EMMA BOTILDA JENSEN, ANITA LOUISE DUNCKER JONES (Mrs.), MAY DUNKIN KEMP, MARY DOUGLAS KENNERLY, HELEN TEFFT KINGSLEY (Mrs.), MARGUERITE JOSEPHINE KLAUBERG, EMMA EVELYN KNIGHT, AGNES MARIE KOLSHORN, LOUISE BERNER LANTZ, INEZ MAE LIED, LILLIAN HENDRICKSON LOCKE, GERTRUDE LONGLEY, MARIE GUSTAVA LUNDBERG, HELEN MAY MACMILLAN, IRENE MARIE MACK, MARGARET ELDER MANN, DOROTHEA ELIZABETH MATTESON, MAREA MILLER, MARY MAY MILLER, KATHRYN TOWNSEND MINOR, MABEL ELIZA MOSS, LUCILLE REBECCA NUSBAUM, E. MAUD PATCHIN, CAROLINE FINNINGER PETERSON, ELIZABETH BARCLAY PHILLIPS, ELEANOR DAWSON PINKERTON, FRANCES JACOT QUILLIARD, HELEN RABINOWITZ, MARION BRITTON RAFFERTY, MARGARET ELIZABETH RAPP, ELLA RHODES, DAMARIS RISNER, MARGARET RITCHIE, JESSIE DOLSON ROSS, MARION ARLETTA ROSS, HELEN ROYCE, MARY LILLIAN SCHAPIRO (Mrs.), EMILY CATHERINE SCHODER, FLORENCE MOORE SCOTT, FLORA SECTOR, MYRTA DOROTHY SHANK, GERTRUDE AUGUSTA SIEBERT, GRACE ELIZABETH SIGLAR, MARJORIE SIME, BERTHA ANNA SING, MILDRED L. SIPP, IRENE MARIE SMITH, ELIZABETH ADELLE SPAULDING, LULU ELISE STALLMANN, JOSEPHINE EDIE STULL, MARGARET SWEET, FREDA VIRGINIA SYZE, MARY ALVIRA TAYLOR, SARAH LOUISA TREYZ, SARAH SPALDING TUPPER, EMMA



MATILDA UELAND, GLADYS VAN RIPER, FRIEDA VAN SICKLE, KATHERINE ALLEN WALLER, ETHEL MAGDALEN WEIDENMAIER, GRACE TAYLOR WELLWOOD, MABEL ELIZABETH WESTGATE, EVA WILSON.

*Dietitian.* RENA SARA ECKMAN, FLORENCE HELENE STEWART, FLORENCE TERRY.

*House Director.* MARION ELLEDA DICKENSON, REBECCA SINCLAIR JANNEY.

*Director of Industrial Arts and Vocational Education.* JOHN WILLIAM ELLERY OLIN, SAMUEL S. SOLENDER, ROY BENJAMIN VAUGHAN.

*Supervisor of Industrial Arts.* SHERMAN ROBLEY COOK, DANIEL JOSEPH CROWLEY, WINFRED P. MEDDINS, FRANK CHARLES PANUSKA, WILLIAM DAVID ROBERTSON, MARION JAY SHERWOOD, ELMER W. SNYDER.

*Teacher of Industrial Arts.* JOHN BUCKLEY BRYAN, ROBERT C. CRAIG, ANNIE BROOME GRAY, EDMOND EMMET HARTNETT, DANIEL CHRISTOPHER LUCEY, BARNEY SHAPIRO, CHARLES HENRY THOMAS.

*Teacher of Latin.* FRANCES V. MASON.

*Supervisor of Mathematics.* THEODOSIA TUCKER CALLAWAY (Mrs.).

*Teacher of Mathematics.* MARJORIE EWING, EDITH INKS, PATTIE LUCILE SINCLAIR,

*Supervisor of School Music.* ETTA SOPHIA BEBEE, WILLIAM WATSON BEAUMONT, META DOROTHEA BUERMAYER.

*Teacher of School Music.* MINNIE SUCKOW, STELLA IRENE TRANE.

*Superintendent of Nurses and Principal of Training Schools.* MAY KENNEDY, ELSA SCHMIDT.

*Supervisor of Play and Playgrounds.* MARY THERESA LUTZ.

*Supervisor of Hygiene and Physical Education.* ABRAHAM ROSENTHAL.

*Teacher of Hygiene and Physical Education.* SOLOMON AMSTER, GLADYS HARRIETTE COOK, KATHERINE MARIE COOPER, HELEN FROST, FLORENCE IDELE FULLER, JESSIE CATHERINE GUTHRIE, MARION JANE HAGADORN, BARNEY HYMAN, HELEN F. WEBB JONES, DOROTHY AUGUSTA LLOYD, GILBERT MAIN, SALOME ELLEN MARCKWARDT, MARY PATRICIA O'DONNELL, ELSA POHL, LUCY N. RETTING, ETHEL CATHARINE SCOFIELD, ELIZABETH ZABRISKIE WALSER, ELLEN PIKE WATSON, ESTHER WATSON.

*Public Health Nurse.* FANNY LISSAUER.

*Teacher of Religious Education.* HELEN E. HOBBS RUSSELL.

*Supervisor of Rural Education.* BLANCHE E. PEPPEL.

*Addenda to 1917.* *Supervisor of Kindergartens.* LELAH MAE CRABBS.

*Teacher of English.* ADELAIDE D. V. BUNKER, MYRA VANCE.

## PHARMACY

*Pharmaceutical Chemist.* HENRY C. F. ARNOLD, Ph.G. 1918; EDYTHE R. CAFFREY,\* Ph.G. 1917; JOSEPH GEORGE CONCIALDI, Jr., Ph.G. 1918; LOUIS R. HYMAN, Ph.G. 1918; ROY ALLISON LEHMAN,\* Ph.G. 1917; HAROLD MACADAMS, Ph.G. 1918. [6]

## JOURNALISM

*Bachelor of Literature in Journalism.* DOROTHY FREY BURROWS, HERBERT MARC DAVIDSON, EDWIN NORTON EAGER, HENRY CLAY EVANS, Jr., A.B. Vanderbilt 1915; MINNIE FINEGOLD, NELLIE ELIZABETH GARDNER, A.B. Iowa 1911; FRANCES RUTH GRANT, WESLEY HARDENBERGH, HENRY BEETLE HOUGH, CAREY JOSEPH HUNTER, A.B. Wake Forest 1916; LIDDA KLADIVKO, MINNA LEWINSON, THOMAS CALVIN LINN, Jr., A.B. North Carolina 1916; DOROTHY METZGER, LAURA MCKESSON MILLAR,\* LILIANE REFREGIER, CLARA SHARPE, B.S. Mills 1916; LEILA MANNING TAYLOR, WAYNE WELLMAN. [19].

\* October, 1917.

## BUSINESS

*Bachelor of Science in Business.* EDNA M. CROWDER,† DORA FISHBEIN, JEGAN TSING HSI, MORRIS IVRY. [4]

*Secretarial Certificate in Business.* MARJORIE LOBDELL ADDIS, A.B., SARAH LENA WILLIAMS, A.B. [2]

## MASTERS

*Master of Arts, Political Science, Philosophy, and Pure Science.* AMY ELIZABETH ADAMS, A.B. Mt. Holyoke 1914; MARY VICTORIA ALEXANDER,† A.B. Maryville 1908; EDWARD WESLEY AMES, B.S. Arizona 1916; MARY EMMA ANDERSON, B.E. Converse 1893; CHARLES ENOS ARTMAN, Ph.B. Syracuse 1910; JOSEPH ALBERT BABOR, B.S. C. C. N. Y. 1916; CHARLES STURGES BALL, B.D. Yale 1911, S.T.M. Hartford 1913, CONSUELO SILVINA BARBARROSA, A.B. Hunter 1916; JEANNE CATHARINE BARBER; A.B. Grinnell 1912; GLADYS ORME BARNES,† A.B. 1916; DUDLEY CHAPIN BARRUS,\* Ph.B. Keuka 1906; JANIE BETH BARTLETT, A.B. Smith 1917; EDITH ARMINTA BECK, Ph.B. Heidelberg 1910; SAMUEL NATHANIEL BEHRMAN, A.B. Harvard 1916; PAULA CECILIA BERNHOLZ, A.B. 1917; QUEENIE MAY BILBO, A.B. Ohio Wesleyan 1917; LUCILE LAURENCE BLACKFAN, A.B. Kansas 1917; KATHARINE BLACKFORD, Ph.B. Rochester 1908; BRAND BLANSHARD, A.B. Michigan 1914; DOROTHEA WILHELMINA BLOCK,† A.B. Hunter 1915; MARGUERITE S. BOUTWELL, A.B. Hunter 1916; GLADYS STOUT BOWLER, A.B. Bryn Mawr 1909; NINA CLARE BOWMAN, A.B. Kansas 1893; ELLA C. BOYER, A.B. Wilson 1903; JOHN WESLEY BREADY,\* A.B. Queen's 1913; ETHEL BURNS BREED, A.B. Vassar 1908; CHARLES LESTER BROADWATER,† A.B. West Virginia 1913; ARTHUR EUGENE BUCK,\* Ph.B. Milligan 1910, B.S. Tennessee 1913; JOSIAH BRADLEY BUELL, A.B. Oberlin 1915; CHARLES EATON BURCH, A.B. Wilberforce 1914; M. CALLIOPE BURRIS,\* A.B. Hood 1916; CHARLES DOW CALKINS, C.E. Rensselaer Polytechnic 1909; FLORENCE BURNS CALLAHAN, A.B. Smith 1917; JESSIE FLORENCE CAPLIN,\* B.S. Minnesota 1897; GINEVRA CAPOCELLI; CARL OLOF CARLSON, A.B. Doane 1902; MARTHA ANNETTE CASON, A.B. Chicago 1908; HUNG-HSIANG CHANG, A.B. 1917; YIH TZE CHANG, B.S. Mass. Inst. of Tech. 1917; YIH GWAN CHEN, A.B. Nanking 1915; ROSETTA CHESSE,\* A.B. Hunter 1916; YUEH LIN CHIN, B.S. Pennsylvania 1917; LUDWIG JACOB CHRISTMANN, B.S. 1917; PERCY EDWIN CLAPP, A.B. Cornell 1910, B.S.A. Cornell 1911; CLAUDIA L. CLARK, A.B. Leland Stanford 1908; MARY JOPLIN CLARKE (MRS. BURNETT), A.B. Toronto 1914; HARRY PETER COATS, B.S. Hobart 1917; CAROLINE COHN,\* A.B. 1914; PAULA VIOLET COLIN, A.B. Hunter 1917; DOROTHY COKER, A.B. Wellesley 1917; ETHEL MARTHA COLE, A.B. Syracuse 1917, B.Ped. Syracuse 1917; KATHERINE ESTELLE COLLINS, A.B. Smith 1907; MARY AGNES COMMISKEY,\* A.B. Adelphi 1909; SARAH CARR CONLEY, A.B. Wesleyan 1917; IRMA JANE COOPER,\* B.S. 1916; D. STANLEY COORS, A.B. Albion 1914, B.D. Drew Theol. 1917; HELEN BREWSTER COULTER, A.B. 1917; KATHLEEN BARDSHAR CRANDALL,† A.B. Wellesley 1913; REBECCA PRICE CRAIGHILL, A.B. Wellesley 1916; PETER GREGORY DASCHAVSKY,† B.S. C. C. N. Y. 1916; DEW DAILEY, A.B. Cornell (Iowa) 1913; MARY MONTANYA DEWITT, B.L. California 1913, M.L. California 1914; IRENE CAROLINE DINER,† A.B. Hunter 1917; MARIE FRANCES DOODY, A.B. 1915; HELEN RUPERT DOWNES, A.B. 1914; HELEN MARGARET DUMOND, A.B. Vassar 1917; EDWARD MEAD EARLE, B.S. 1917; EDWIN EELLS, A.B. Oberlin 1915; LILIAN EGLESTON, A.B. 1910; SOLOMON ELLENOFF, A.B. N. Y. Univ. 1915; LAURA JOHNSON EMERY,† A.B. Leland Stanford 1900, J.D., Southern California 1915; MARGUERITE LOUISE ENGLER, A.B. 1914; ETHEL ROSE EPSTEAN, B.S. 1916; JOSEPH EVANS, A.B. Wales 1906, B.D. Union Theol. 1917; GRACE LEWIS

\* October, 1917. † February, 1918.

FARNSWORTH, A.B. Wellesley 1914; HENRY LOUIS FAUST, B.S. Union 1915; VERA ELIZABETH FEELEY,† A.B. 1913; NATHANIEL M. FINE,\* A.B. 1913; ERNESTINE PHELPS FRANKLIN, A.B. Hunter 1917; FRED LOWRY FROST,\* A.B. Lebanon Valley 1911; FRANCIS JOSEPH FUCHS, A.B. St. John's 1909, A.M., Niagara 1912; IRVING S. FUSFELD,\* B.S. 1915, B.Ped. Gallaudet 1916; JOHN GEROW GAZLEY, A.B. Amherst 1917; LAURA RUSSELL GIBBS, B.L.S. Illinois 1902; WILLIAM GITTELSON,† A.B. C. C. N. Y. 1909; DAVID GOODMAN, A.B. 1917; HILTON WARNER GOODWYN,† B.Lit. Notre Dame 1915, LL.B. Notre Dame 1915, B.S. Valparaiso 1914; FLORA GORDON; JOSHUA GORDON; LOUIS ROSS GOTTLIEB,† A.B. Rochester 1914; HERMAN ARNOLD GRABLOWSKY, A.B. C. C. N. Y. 1916; ALICE CATHERINE GRANT, A.B. 1909; EMMA GREGG,\* A.B. Goucher 1909; LUCY GREGORY, A.B. Radcliffe 1916; WILLIAM ALFRED GRIER, B.S. Kenyon 1897, B.D. General Theol. 1916; JOHN SCARBOROUGH GUMMERE, A.B. Trinity (Conn.) 1917; CHARLES ERNEST HALL, B.S. 1914; LUCY JESTON HAMPTON, A.B. George Washington 1914; EUGENIE CAROLINE HAUSLE, A.B. 1917; GRACE PINKERTON HAYS, A.B. Reed 1915; ELIZABETH LEE HAZEN,† B.S. Industrial Inst. (Miss.) 1910; JOSEPH X. HEALY,† A.B. C. C. N. Y. 1912; PAUL HEINZELMANN,\* THOMAS MOLTON HENLEY,\* Ph.B. Chicago 1909; RAYMOND MORSE HERRICK,\* A.B. 1916; FRANCES CALDWELL HIGGINS,† B.S. 1912; HELEN ALLISON HODGE, A.B. Vassar 1916; ALEXANDER HOLMAN, A.B. C. C. N. Y. 1902; FLORRIE HOLZWASSER, A.B. 1914; MARY JOHNS HOPPER, A.B. Goucher 1901; JACOB HORACE HOTT, A.B. Otterbein 1914; CHAO CHUN HSU, B.S. St. John's 1917; CHANG KU HUANG, B.S. Pei-Yang 1914; YU SHU HUANG, B.S. Pei-Yang 1916; ALFRED FRANCIS HUETTNER, A.B. South Dakota 1916; ORRIE LESLIE HULL, A.B. Hiram 1906; CHRISTINE HUME,† A.B. Monmouth 1911; SHIH HENG HWANG, A.B. Iowa State 1917; HULDA MAY INWRIGHT, A.B. Mt. Holyoke 1917; VICTOR ISIDOR ISAACSON, B.S. C. C. N. Y. 1916; MARIAN FRANCES IVES, A.B. Vassar 1912; UICHI IWASAKI, LL.B. Kwausai 1915; MARY FRANCES JEWELL, A.B. Vassar 1913; FREDERICK WILLIAM JEWETT,\* B.S. 1915; EDITH TOMPKINS JONES,† A.B. Vassar 1906; OLIN MCKENDREE JONES, A.B. Beloit 1909; CHARLES CONANT JOSEY,† A.B. Wake Forest 1913; BENJAMIN DAVID KAPLAN, A.B. C. C. N. Y. 1916; ISAAC FREDERICK KAPLAN,† A.B. C. C. N. Y. 1916; ALBERT WALLACE KAUFFMAN, A.B. Washington and Jefferson 1916; CLYTIE HAZEL KEARNEY, A.B. Missouri 1911, B.S. Missouri 1912; PHILIP KITTREDGE KEMP, A.B. 1915; ALICE JEAN KERR,† A.B. Westminster 1915; CORA BEALE KEY, A.B. Goucher 1911; MARGARET KIMMEL,\* A.B. Indiana 1911; HANNAH KINNEARS-EAGAR, A.B. Hunter 1911; WILLIAM SKINKLE KNICKERBOCKER, A.B. 1917; ANITA KOLBE, A.B. Denver 1907; JOHN HAMILTON KORN, A.B. Ohio Wesleyan 1904, B.S. Chicago 1906, M.D. Rush Medical 1909; MICHIO KOZAKI, A.B. Oberlin 1917; ISAAC NEWTON KUGELMASS, B.S. C. C. N. Y. 1917; LOUISE LAIPPLE, A.B. Ellsworth 1917; WILLIAM LAMONT,† A.B. Washington and Lee 1917; KATHARINE ELIZABETH LAROS,† A.B. Ursinus 1900; KAREN LARSEN, A.B. Wisconsin 1905; HERMAN LAX,\* A.B. C. C. N. Y. 1913; FREDERIC PADDOCK LEE,\* Ph.B. Hamilton 1915; ETHEL LEFFERT,\* A.B. Hunter 1915; SHOO TZE LEO,† B.S.E. Michigan 1917; ERMA MAY LESSEL, B.S. Montana 1916; EDNA LESSING, A.B. Hunter 1915; ROBERT MACDONALD LESTER,\* A.B. Vanderbilt 1911; CHARLOTTE LEVY,† A.B. Hunter 1914; JEAN STIRLING LINDSAY, A.B. Hunter 1912; SZE MOO LING, B.S. Peking Govt. Univ. 1917; ERNEST LITTLE, B.S. Rochester 1911, M.S. Rochester 1913; MARGARET WALLACE LORD,† A.B. Redlands 1915; DEBORAH ELIZA LOVEJOY, A.B. Smith 1898; BEATRICE LOWNDES, A.B. 1917; JESSIE ISA LUMMIS, A.B. Illinois 1902; MAX AARON LURIA, B.S. 1913; LUELLE RUTH LYONS,\* A.B. Hunter 1916; J. FORD MCBAIN,\* A.B. Michigan State Normal 1916; GENEVRA LEE MCCAW, A.B. Colorado 1910; ARTHUR CUSHMAN MCGIFFERT, JR., A.B. Harvard 1913, B.D. Union Theol. 1917; WILLIAM WATSON MCPHERSON, A.B.

\* October, 1917. † February, 1918.

Manitoba 1915; ROSE MARGARET MCQUADE,\* A.B. Hunter 1910; ALTA MAUD MALLOCH, Ph.B. Parsons 1908; MARY LEE MANN,\* B.S. 1914; JOHN HORACE MARIANO,\* A.B. 1916; BERTHA MARKOWITZ, A.B. Hunter 1915; WINNIFRED MARTIN,\* A.B. Chicago 1913; KAZUTERU MARUYAMA,† B.D. Meadville Theol. 1916; EDYTHE WINIFRED MASLEN,\* A.B. Wellesley 1912; GRACE DOROTHY MASON,† A.B. Texas Christian Univ. 1914; KINAI MATSUNO, B.Econ. Keio 1915; WILLIAM MORTIMER MAZUR, A.B. McGill 1917; DOROTHY A. METZ, A.B. Leland Stanford 1917; BERNARD MEYER,\* A.B. C. C. N. Y. 1913; CHRISTINA CURRIE MILLER, Ph.B. Syracuse 1908; MIRIAM ESTHER MIRSKY, A.B. 1916; HOWARD MITCHELL, A.B. Haverford 1907; THOMAS JOHNSON MITCHELL, B.S. Davidson 1917; JENNIE FREDA MOHRING, A.B. Bucknell 1910, P.Ped. Pennsylvania Normal School 1907; JAC CYRUS MORRELL, B.S. Cooper Union 1916, Chem. 1916; HOMER LAWRENCE MORRIS, A.B. Earlham 1911; MILDRED KELLEY MOYSEY, A.B. Western Reserve 1907; HENRIETTA I. MURPHY, A.B. Hunter 1917; ROBERT CUSHMAN MURPHY, Ph.B. Brown 1911; CHRISTINE MYRICK,† A.B. Wellesley 1911; ETHEL DAVENEILLE NICHOLS, A.B. Texas 1917; MAKOTO NISHIMURA; LOUISE WALKER NORTHROP,† A.B. 1915; GIOJU ODATE, B.S. N. Y. Univ. 1917; JESSIE MARCIA OSTRANDER, A.B. Michigan 1910; MEYER PADVE, B.S. N. Y. Univ. 1915; ANNA CLARK PALMER, Ph.B. Wooster 1911; WALTER EDWIN PECK, A.B. Hamilton 1913, A.M. 1916; ISABEL IRVING PEDDIE,\* A.B. Hunter 1915; THOMAS MILLISON PENDER,† A.B. Pittsburgh 1910; HARRIET CAROLYN PERCY, A.B. Wellesley 1912; MARY ELIZABETH PIKE, A.B. Cornell 1917; WILLIAM DEAN PULVERMACHER,\* A.B. C. C. N. Y. 1900, LL.B. N. Y. Law School 1908; ELEANOR PYLE, A.B. Vassar 1917; NELLIE MAY QUANDER,† A.B. Howard 1912; BENJAMIN FRANKLIN RAY, A.B. Baker 1912, B.D. Drew Theol. 1916; JOHN JEROME REILLY, A.B. Fordham 1916; JOHN WINTER RICE, B.S. Bucknell 1914, M.S. 1915; MARION RICE, B.S. Mass Inst. of Tech. 1914; JOHN LEONARD ROBERTS,\* A.B. Bowdoin 1911; HERBERT SPENCER ROBINSON, A.B. N. Y. Univ. 1917; FLORENCE MYERS ROHR, A.B. Brenau 1913; GERTRUDE HAZELTON ROSE, A.B. Colby 1911; SALLY ROSENBLATT,\* B.S. Adelphi 1917; CLARA ROSENGARTEN, A.B. Denver 1908; EDNA ADELE RUDDICK, A.B. Wilson 1914; ALMA GLADYS RUHL, A.B. 1917; GEORGE OSCAR RUSSELL, A.B. Brigham Young 1916; MARY ELIZABETH RYDER, A.B. Oberlin 1903; MARY AGNES SALESKI, A.B. Wesleyan 1900; SAUL SIMON SAMUELS, A.B. 1916; HAROLD COLLENDER SANDS, B.D. Cornell 1912; HIROSHI SATO, A.B. Washington 1917; ROBERT PAUL SCHEARRER,\* A.B. Franklin and Marshall 1912; THOMAS DAVENPORT SEALS,\* A.B. Emory 1906; ELIZABETH SHELOW,\* A.B. Randolph-Macon 1911, B.S. Cincinnati 1915; PAUL FREDERICK SHUPP, Ph.B. Chicago 1914; MICHAEL SIEGEL,\* B.Chem. Cornell, 1915; RAUB HOWARD SIMON,\* B.S. Otterbein 1912; HAROLD LESTER SIMONS, A.B. CC. N. Y. 1917; JOHN SELMER SMITH, A.B. Tennessee 1915; LEVI GARVIN SMITH,\* A.B. De Pauw 1911, B.D. Drew Theol. 1916, B.D. Union Theol. 1917; REBECCA WASHINGTON SMITH, A.B. Kentucky 1916; KATHARINE SNODGRASS, A.B. Bryn Mawr 1915; MATILDA LILLIAN SOLOMON,\* A.B. Hunter 1913; MARY ELIZABETH SPEER, B.L. North Texas 1908, A.B. Texas 1911; MAUDE WILSON STEARNS, A.B. Nebraska 1905, LL.B. Washington 1917; ROBERT AARON STEINBERG,\* B.S. George Washington 1914; GENEVA GRACE STEWART, A.B. Leland Stanford 1917; WILLARD ALLEN STOWELL, B.S. 1912; EVA STRUGGLES,\* Ph.B. Northwestern 1902; LEAH RUTH STURDEVANT, A.B. Adelphi 1915; SING GING SU, A.B. Ohio Wesleyan 1917; SARAH SUSSMAN, A.B. Hunter 1914; ESTHER HELEN SUTHERLAND,\* B.S. Montana Normal 1905, A.B. Washington 1911; EN CHANG TAI, A.B. St. John's 1917; JIZAEMON TATEISHI, A.B. Leland Stanford 1913; EARL ALPHONSO TAYLOR,† A.B. Wilberforce 1915; THEODORE CLINTON TAYLOR, Chem.E. 1915; ALEXANDER D. TENDLER,† B.S. N. Y. Univ. 1916; CONRAD ENGERUD THARALDSSEN, B.S. St. Olaf 1907; MARY HARRISON THAYER, A.B.

\* October, 1917. † February, 1918.



Smith 1917; ELEANOR WALTER THOMAS,† B.S. 1913; KATHRYN ELISE THOMAS, A.B. California 1916; TRACY ENOS THOMPSON,\* A.B. Cornell (Iowa) 1915; MIRIAM MULFORD THRALL,† A.B. Wellesley 1905; JESSIE GOODWIN TIFFANY, A.B. Brown 1897; JAMES LEO TOBIN,† M.Pd. N. Y. Univ. 1908, B.S. 1911; TEH-CHANG YEE-CHENG TONG, A.B. Illinois 1917; MING TSOW, A.B. Oberlin 1916; BLANCHE TURRELL,† A.B. Indiana 1917; MARY MURDOCH TWEEDY, A.B. Smith 1911; EDWARD ALFRED VAN VALKENBURGH,\* A.B. Amherst 1915; MARJORIE ELIZABETH VROOM, A.B. Hunter 1916; FLORENCE WALKER,† A.B. Randolph-Macon 1909; PHYLLIS LEE WALKER, A.B. Goucher 1917; HSI CHANG WANG, B.S. Harvard 1917; AMY ESTELL WARE, A.B. Bates 1907; WILLOUGHBY CYRUS WATERMAN, A.B. Syracuse 1915; MARGUERITE WAYMAN, A.B. Hunter 1914; MARY WELLS, A.B. Vassar 1916; MILDRED SALZ WERTHEIMER, A.B. Vassar 1917; MARY WESTALL, A.B. Randolph-Macon 1910; CAROLINE ALMIRA WHIPPLE, A.B. Mt. Holyoke 1901; ALICE WILDMAN,\* B.S. 1910; FREDERICK E. WILSON, A.B. Oberlin 1913; JAMES HARVEY WITHERSPOON,\* A.B. Davidson 1898, LL.B. A.M. South Carolina 1900; YUEN SU WONG, A.B. George Washington 1917; LOTTIE MAY WOODUL, A.B. Texas 1917; MARY ALICE WYMAN, A.B. Wellesley 1912; HOONG CHIUNG ZEN,† A.B. Cornell 1916. [281]

*Master of Arts (Education and Practical Arts).* L. DOROTHY ALBRECHT,† A.B. Stanford 1916; CLINTON MCCLARTY ALLEN,\* A.B. Oklahoma 1912; OSCAR WILLIAM ALM, A.B. Nebraska 1917; SARAH JANE ANDERSON,\* Ph.B. Wooster 1910; EMMA ARENT, A.B. Iowa 1912; SARA MITCHELL ARMSTRONG, A.B. Tufts 1901; GHODSEA MARIAM ASHRAF; BERTHA ROSE BADANES, A.B. 1914; AGNES LOUISE BARLAND, A.B. Oberlin 1914; RENA ELIZABETH BARRY, A.B. Trinity 1917; MARGARET MURRAY BARTO, A.B. Illinois 1917; LITA BATTEY, A.B. Kansas 1906, A.M. 1914; ROSA JACKSON BAXTER, A.B. Drury 1907; MINNA MCLEOD BECK, B.S. 1914; CHARLES FREDERICK BECKER,\* Ph.B. Mt. Union 1908; LUELLA EVA BEHRENS, A.B. Stanford 1915; BERNHARD AUGUST BEINLICH,\* A.B. Illinois 1910; PAUL EVERETT BELTING, A.B. Illinois 1912; ELMA HIXSON BENTON (Mrs.), A.B. Minnesota 1910; BLANCHE LOUISE BIRCH, A.B. Wellesley 1902; AVIS P. BLAISDELL,\* A.B. Radcliffe 1911; GERTRUDE HELENA BLANCHARD, A.B. Smith 1907; ALBERT SILVANUS BLANKENSHIP, B.S. Texas 1904; ANNE EVELYN BOARDMAN, A.B. Boston 1891; C. ARTHUR BORKLUND, A.B. C. C. N. Y. 1904; BLANCHE FOSS BOWDLE, B.Pd. Warrensburg Normal 1906, B.S. Missouri 1912; SUSIE ESTELLA BOYER, A.B. Tarkio 1906; MARTHA W. BRECHER,† A.B. Hunter 1915; IRA J. BRIGHT, B.S. Kansas Normal 1916; MARY JUANITA BRISON, B.S. 1905; BERNARD BENJAMIN BURG, B.S. Chicago 1914; BARBARA BURKE, A.B. California 1917; BEATRICE AGATHA BURKE, A.B. Coll. of St. Elizabeth 1917; FLORENCE ETHEL BUSSE, A.B. Northwestern 1908; MARGARET CAMMACK, A.B. Minnesota 1917; MARY CORNELIA CATLIN, A.B. Vassar 1914; EDITH PITT CHACE, B.S. 1915; ZAH-LING CHANG, A.B. St. John's 1917; SHIRLEY MANSFIELD CHARLES, A.B. Stanford 1903; ARUBA BELLE CHARLTON,† Ph.B. Chicago 1914; LENA MABEL CHARTER,\* B.S. West Virginia 1912; HO-CHIN CHEN, A.B. Johns Hopkins 1917; MONONA LUCILE CHENEY, A.B. Lawrence 1914; JENNIE MAE CLARK, B.Pd. Albany Normal 1901, A.B. Wellesley 1899; JOSEPH LYNN CLARK,\* A.B. Texas Christian 1906; HELEN COE CLOWES, B.S. 1914; OLIVER PERRY CLUTTS,\* B.S. Ohio 1913; MARGARET EVERTSON COBB, A.B. Vassar 1917; WILHELMINA DOROTHEA COCKAYNE, A.B. Heidelberg (Ohio) 1911; MARION COFFMAN, A.B. Washington 1904; WILLIAM ALFRED COLEMAN, A.B. Ursinus 1913; SARAH LOUISE COLLINS, A.B. Bryn Mawr 1917; JOHN HARRISON COOK,\* B.S. Ohio Northern 1908, A.B. Miami 1912; CORINA BESS COWDEN, A.B. Oregon 1914; ARTHUR GRISWOLD CRANE, B.S. Carleton 1902; RICHARD MCLEOD CRAWFORD,† B.S. 1905; CATHARINE CORINNE CREAMER, B.S. Ohio State 1912; EUGENE M. CROUCH, A.B. Milligan 1894; MARGARET WINONA ETHEL CRUISE, A.B. Toronto 1912;

\* October, 1917. † February, 1918.

HATTY ROSELLA DAHLBERG, B.S. 1916; ZACHARIAH DAVIES, A.B. Cornell 1914, B.D. McCormick 1917; MARY GOODRICH DEEM,\* M.C.L. Hillsboro 1886; CAROL A. MCCURDY DEWEY (Mrs.),† A.B. Wesleyan (Ohio) 1913; CLARICE HELEN DILLENBERG, A.B. Cornell 1916; GRACE LOUISE DILLINGHAM, B.L. Wisconsin 1900; FLORENCE HELEN DOE, A.B. Wellesley 1909; WILLIAM HENRY DOOLEY, B.L. Harvard 1905; OWEN R. EASLEY, A.B. Virginia 1910; ANNA MERRITT EAST, B.S. Nebraska 1912; WILLIAM MARK EIERMAN,\* A.B. Manhattan 1915; EARLE EDWARD EMME, A.B. Northwestern 1916, B.D. Garrett Biblical 1917; CLINTON ELLSWORTH FARNHAM,\* A.B. Yale 1911; EGBERT ERVEN FELL,\* A.B. Alma 1902; ERNEST WILDER FELLOWS,\* A.B. Grinnell 1894, A.M. Iowa 1911; ALEXANDER FICHANDLER,\* A.B. N. Y. Univ. 1905; HELEN ATWATER FIELD, B.S. 1913; CARA MCCOY FINNIE,\* A.B. California 1903; SARAH ELLEN FISK, B.S. 1913; ARTHUR FORDYCE GAMBER, A.B. Oberlin 1912; WILLIAM CARL GIESE,\* B.S. Chicago 1909; WILLIAM HENRY GILBERT,\* A.B. Maine 1909; ETHEL MELINDA GILMORE,† A.B. Hunter 1915; JEKUTHIAL GINSBURG; JOSEPHINE RICHARDS GLASCOCK, A.B. Vassar 1917; VANESSA GLUCKSMANN, A.B. Vassar 1914; LOUIS ALBERT GOLDMAN,† A.B. C. C. N. Y. 1913; EDNA WINFRED GORTON, A.B. Cleveland College for Women 1913; BESSIE GRAHAM, A.B. Wellesley 1914; MARY BELINDA GRAHAM,\* B.L. Wesleyan (Kansas) 1913; FRANK LEON GROVE,\* A.B. Alabama 1909; JULIA FRANCES GUINEE, A.B. Hunter 1917; MARIE LORETTA GUINEE, A.B. Hunter 1917; SUSIE WILL GUNTER, A.B. Mississippi I. I. and C. 1912; MARIA RUTH GUPPY,\* B.L. Michigan 1887; JOHN FREEMAN GUY,† Ph.B. Wooster 1910; JOHN THOMAS GYGER,\* B.S. 1913; RAYMOND EDWARD HAAS, A.B. Gettysburg 1914; ELEANOR GERTRUDE HADSELL, B.S. 1915; HELEN HAGEMEYER, A.B. Wellesley 1916; MABEL HAGEMEYER, A.B. Wellesley 1916; SARAH DEBORAH HAINES,\* A.B. Oklahoma 1913; ISABEL C. HALGRIM,\* B.S. 1913; FRANCIS CHAUNCEY HALL,† B.S. 1916; MARGARET PYNCHON HALL, A.B. Hunter 1912; MILFORD SCOTT HALLMAN,\* Ph.B. Bucknell 1909; MARIAN HAMILTON, B.S. 1917; OTTO TEMPLAR HAMILTON, LL.B. Indiana 1911, A.B. 1911; HENRY HARAP, B.S. C. C. N. Y. 1916; ELIZABETH TOWNSEND HARNED, A.B. Wellesley 1912; FLORENCE HARRISON, B.S. Illinois 1908; EDMOND EMMETT HARTNETT, B.Pd. State Normal 1905, B.S. 1917; JAMES PROCTOR HAUPIN, A.B. New York State 1910; MARY ALDEN MORGAN HAUPT (Mrs.), A.B. Bryn Mawr 1912; KATHLEEN VALERIE HAYES, A.B. Washburn 1905; CLARENCE EARLE HEDDEN,\* M.E. Stevens Inst. of Tech. 1904; BERTHA HENDERSON, B.S. Chicago 1910; SILAS HERTZLER, A.B. Goshen 1913, B.D. Yale 1917; LLOYD FRANKLIN HESS,† A.B. Lehigh 1909; KATHARINE HELEN HICKS,† B.S. 1917; RALPH CARLYLE HILL,\* B.S. Cornell 1912; ARTHUR ABRAHAM HIRSCHBERG,† A.B. C. C. N. Y. 1916; M. DAVID HOFFMAN,\* A.B. 1915; LEWIS PERCIL HOLLIDAY,\* A.B. Hillsdale 1910; MARGARET HEMERIK HOLMES, B.S. 1915; HANNAH ELIZABETH HONEYWELL, A.B. Mt. Holyoke 1910; FLORENCE ELIZABETH HOUSE, B.S. 1915; LILLIAN A. HUDSON, B.S. 1917; EDITH MORRIS HUGHES, A.B. Mt. Holyoke 1917; PAULINE ANNETTE HUMPHREYS, Pd.B. Mississippi State Normal 1911, Ph.B. Chicago 1915; LEILA WALL HUNT, B.S. State Coll. of Wash. 1908; ELLA MAY HURLEY, A.B. Hunter 1917; JOSEPHINE LADNER HUTCHISON, A.B. Illinois 1917; LEWIS COLUMBUS HYLBERT, A.B. Bucknell 1905, A.M. 1908, B.D. Crozier Theol. 1908; TETSUTARO IKEZONO,† A.B. St. Paul's Coll. (Japan) 1915; ROY ALBENE JACKSON, B.S. Colgate 1915; EDA AUGUSTA JACOBSEN, A.B. Illinois 1908; MATTHIEU JETTEUR, L.B. Coll. of Verviers-Liège 1912; RALPH WALLACE JOHNSON, B.S. Franklin 1911; VIVIAN ELMA JOHNSON,\* A.B. Howard 1912; ELSIE LUCINA JONES, A.B. Coll. of Emporia 1910; ESTHER VAN LEER KATZ,\* A.B. Goucher 1916; FLORENCE ROSE KEAN, A.B. Trinity 1917; MAUD KEATOR,\* B.S. 1914; RICHARD CARLYLE KELLEY, A.B. Iowa 1903; MARY HELENE KNEIP, B.S. 1915; MARTHA GROVER KNIGHT,† B.S. Maine 1909; CHARLES CLINTON

\* October, 1917. † February, 1918.

KOCHHEISER,\* A.B. Ohio State 1904; CLINE MORGAN KOON, B.S. West Virginia 1915; JOHN VEERE LACY, A.B. Wesleyan (Ohio) 1915, S.T.B. Garrett Biblical 1917; ELEANOR MARY LALLY, A.B. Nebraska 1914; ALTER F. LANDESMAN, A.B. Western Reserve 1917; HAROLD ATKINS LARRABEE, A.B. Harvard 1916; HELEN BELL LEDYARD, A.B. Stanford 1917; SHAO-CHANG LEE, A.B. Yale 1917; BENJAMIN TOWNE LELAND, A.B. Harvard 1906, A.M. Brown 1917; GENEVA AURORA LEONARD (Mrs.), Ph.B. Vermont 1907; ELIZABETH EDITH LEWIS, Ph.B. Vermont 1907; LAURA FRANCES LEWIS, A.B. West Virginia 1907; DOROTHY ALICE LILLIE, B.S. Michigan 1917; KATHARINE ONG-NEO LIM, A.B. Franklin 1915; HOMIN LEOPOLD LIN,\* B.S. Wesleyan (Conn.) 1916; FLORA ROBERTSON LINDSAY, A.B. Wellesley 1917; OLIVIA CATHERINE LINDSAY, A.B. Toronto 1903; WILHELMINA LINTZ, A.B. Miami 1911; SARA FINNEY LOWRIE, A.B. Goucher 1916; NICHOLAS P. LUCKENBILL,\* B.E. Penn. State Normal 1902, A.B. Franklin and Marshall 1911; MABEL CLARE LYTTON, B.L. Wesleyan (Ohio) 1908; LEON SAYRE MCDANIEL, A.B. Bethany 1914; CECIL CLARK MACDONALD, A.M. Delaware 1910; RAY HILTON MCINTOSH,\* A.B. Hillsdale 1906; BERTHA FRANCES MABBETT, B.S. N. Y. State 1917; ARTHUR ALEXANDER MADISON, A.B. Bowdoin 1910; SAMUEL MANDEL, A.B. C. C. N. Y. 1906; MANUEL S. MANONGO, A.B. Otterbein 1917; EDWARD WINIFRED MARCELLUS,\* A.B. Northwestern 1909; MABEL MARSH, A.B. Northwestern 1910; FRED GARMAN MASTERS,\* A.B. Penn. 1904; JULIA MATHEWS,† A.B. Stanford 1901; FREDERICA RUTHERFORD MEAD, A.B. Smith 1911; SELMA LOUISE MESLOH, B.S. Ohio State 1915, A.B. 1915; GLADYS IRENE MINER, B.S. Illinois Wesleyan 1911; BENJAMIN FRANKLIN MOOMAW,\* B.S. Virginia 1908; WILLIAM LOUIS MORRIS, A.B. Holy Cross 1909; ROBERT RISING MORROW,\* A.B. Wesleyan (Nebraska) 1907; EDWIN JUSTIN NELSON, A.B. Western Maryland 1897; IMOGENE NEER,† A.B. 1916; KATHERINE ELINOR NENNO, B.Di. Iowa State T. C. 1910, A.B. Wyoming 1914; MAURICE J. NEUBERG, A.B. Wheaton 1916; CARL B. NEWLON,\* A.B. Indiana 1913; ELSIE CLAIRE NOBLE,† A.B. Coe 1908; FAYETTE ALBERT NORRIS, B.S. New Lynn 1901, Ph.B. Wooster 1909; EDITH GEORGINA O'BRIEN,† A.B. Hunter 1915; EDGAR A. O'DELL, A.B. Indiana 1912; ROY E. OFFENHAUER,\* B.S. Marion Normal 1903, A.B. Otterbein 1905; MARY EMILIA OLSON, Ph.B. Hamline 1903; JUNIA OSTERHOUT, A.B. Baylor 1895, B.S. 1917; ANTOINETTE PANTANO,† A.B. Hunter 1917; WALTER GUY PARKER, A.B. Southwestern 1912; LENA ESTELLE PATTERSON, A.B. Ohio 1909, B.S. 1914; JACOBUS CORNELIUS PAUW,† A.B. Victoria (So. Africa) 1911; ALVIN CLARENCE PAYNE,\* A.B. Wabash 1904; JOSEPH PEARLMAN,\* B.L. 1915; MARJORIE PEET,\* A.B. Vassar 1911; SELMA MARIE PETERS,\* A.B. Adelphi 1916; WILLIAM RICHARD PHELPS,\* A.B. Randolph Macon 1908; FRANCES PHILO, A.B. Iowa State 1913; FRANK GERALD PICKELL,\* A.B. Indiana 1909; MARY PICKETT,\* A.B. Smith 1898; FRANKLIN EDWIN PIERCE,\* A.B. Amherst 1905; HELENA PIOTROWSKA, A.B. Cornell 1909; OSCAR MORTON PITTINGER, A.B. Indiana 1896; ELMER LLOYD PORTER,\* A.B. Otterbein 1907; AARON ELY PRICE, B.S. Canisius 1917; OLIVE FAWCETT PYE, A.B. Smith 1910; ESTABROOK RANKIN, A.B. California 1915; FANNY ALLEN RAY, B.S. Chicago 1910; KATHARINE MIFFLIN REIGART, B.S. 1916; BALLARD DELBERT REMY,\* Ph.B. Franklin 1902; MARGUERITE RICHARDSON, A.B. Mt. Holyoke 1911; ELMER ROY RIKE,\* A.B. Wesleyan (Ohio) 1905; ANNIE BRICE ROBINSON, A.B. Texas 1917; ELIZABETH NEAL ROGERS, A.B. Wesleyan (Georgia) 1905, B.S. Peabody 1917; WENTWORTH ROGERS, A.B. Iowa State 1912; MAMIE E. ROHR, B.S. 1917; FRANCIS HOWARD ROSE, A.B. Colby 1909, B.D. Newton Theol. 1912; DORA RULAND, A.B. Syracuse 1915; EUGENIA ELIZABETH RUTHERFORD, A.B. Illinois 1915; ETHEL IMOGENE SALISBURY,\* A.B. Illinois 1913; CAROLYN BERNICE SANFORD,\* Pd.B. Michigan State Normal 1908; AGNES SAUNDERS, A.B. Colorado State T. C. 1905; Pd.M. 1912; WILBOUR EDDY SAUNDERS, A.B. Brown 1916; HARRIET SAWYER,

\* October, 1917. † February, 1918.



A.B. Vassar 1907; CLARA AGNES SCOTT,\* B.S. 1913; RUTH LANSING SCUDDER, A.B. Wellesley 1916; BLANCHE ELAINE SHAFFER, B.S. 1912; ERWIN LEANDER SHAVER, A.B. Lawrence 1913, A.M. 1914, St. B. Garrett Biblical 1916; CHARLES WILSON SHOOP, A.B. Lebanon Valley 1908; CARL NATHANIEL SHUSTER, B.S. 1915; JOHN WESLEY SIMMONS, A.B. Dickinson 1903; EVELYN WORTHLEY SITES (Mrs.), CLARENCE MOREY SMAIL, A.B. Bethany 1908, B.D. Yale 1910; MAX SMALL,† A.B. Clark 1915; ANNETTE MINROW SMITH (Mrs.), Ph.B. Chicago 1917; CLARENCE NAVEI SMITH, B.L. California 1912; FRED TREDWELL SMITH,† A.B. Harvard 1915; MARGUERITE SMITH, A.B. Vassar 1903; MARGUERITE LEVIA SMITH, B.S. 1916; OLIVE J. SMITH, Ph.B. Alma 1907; MORDECAI SOLTES, B.S. N. Y. Univ. 1915; WILLIAM ALEXANDER SPENCER,\* A.B. Washburn 1910; JAMES ARTHUR STARKWEATHER,\* A.B. Shurtliff 1901; DORA ALICE STATES, B.S. Ohio State Normal 1917; MARGERY STEWART, A.B. Penn. Coll. for Women 1914; FRANCES ALBERTINE STOBAUGH, B.S. 1917; GEORGE FRANCIS STRATTON,† A.B. Harvard 1913; JOHN WARD STUDEBAKER,\* B.S. Leander Clark 1910; ALICE PIERSON SWETMAN (Mrs.),\* A.B. Mt. Holyoke 1913; RALPH WALDO SWETMAN,\* Ph.B. Hamilton 1907; GORDON CLARKE SWIFT,\* A.B. Lebanon 1909, A.B. Yale 1911; WILLIAM KIYOSHI TAKAYAMA; YUET HA ANNA TANG, A.B. Oberlin 1917; NELLIE FLORENCE TAYLOR, A.B. Illinois 1908; MURIEL KATHLEEN TERRY, A.B. 1917; CLARE CARLYLE THOMPSON,\* B.S. Kansas State Normal 1916; WILLIAM BURTON THORNBURGH,\* A.B. Iowa 1908; ISABELLE SOPHIA TOUR, A.B. Colorado 1914; ELINOR BUSHNELL TOWNSEND, B.S. 1917; HERBERT A. TRAPP, Ph.B. Hamline 1904; JOHN JAMES HARRINGTON TRAYNOR,† B.S. N. Y. Univ. 1913; EUNICE MIRIAM TRUE,\* A.B. Wisconsin 1905, B.S. 1916; EDNA ADAMS VAIL, B.S. 1914; LEORA VAIL, Ph.B. Wisconsin 1911; MARTHA MONTAGUE VAN ALLEN, A.B. Vassar 1916; WILLIAM FREDERICK VOGEL,\* A.B. Indiana 1912; ALICE MARY WALKER, A.B. Wisconsin 1907; WEN-PEI WANG, B.S. Pennsylvania 1917; GRACE BOOLS WARNER, A.B. Cornell 1913; LOUELLA ORANGE WEBB, Ph.B. Hamline 1901; CURTIS PORTER WEEKS, B.S. N. Y. Univ. 1912; LETITIA ELEANOR WEER,\* B.S. 1915; MAE LAVINIA WELLS, B.S. 1914; FRANCES LOUISE WEST, A.B. Agnes Scott 1915; LUELLA NOLICE COLLETTE WHITAKER, B.S. 1917; EDITH ESTELLE WHITE,\* Ph.B. Wisconsin 1901; BYRON FRANK WHITFORD\* A.B. Alfred 1900; MARY MARGUERITE WHITMARSH,\* A.B. Wellesley 1915; OLIVE MARGARET WHITWORTH, A.B. Western Reserve 1900; ALMA WICHELNS, A.B. Cornell 1915; THEODORE DUBOIS WIGGINS, B.S. 1917; WILLIAM ALBERT WILKINSON, B.S. Missouri 1910, A.M. 1911; GRACE IRENE WILLIAMS, B.S. 1910; FLORENCE MARGARET WILSON, A.B. Washington 1915; MAURICE CLEVELAND WILSON,\* Ph.B. Lafayette 1912; WILLIAM HENRY WILSON,\* B.S. 1909; BOYD FIEDLER WINKELBLECH,\* A.B. Franklin and Marshall 1909; JET CORINE WINTERS,† A.B. Texas 1911, B.S. 1915; ADELA ZOE WOLCOTT, Ph.B. Chicago 1909; LA VERGNE WOOD, A.B. Wisconsin 1910; MARJORIE BURTON WOODFORD,† A.B. Pomona 1916; JESSIE HEGUEMBOURG WOODRUFF (Mrs.), A.B. Vassar 1904; HUNTER CHI-CHING YEN, A.B. Boone 1914; MARTHA MAE ZACHMAN, B.S. Northwestern 1907; WALTER ALBERT ZAUGG,\* A.B. B.Pd. Valparaiso 1908, A.B. Indiana 1913; ALICE MARGUERITE ZOUCK, A.B. Goucher 1914. [304]

*Master of Laws (Faculty of Law).* SABINO PADILLA Y BIBBY,\* LL.M. 1917, A.B. Manila 1911, LL.B. Philippines 1915; CLARENCE GEORGE SHENTON, A.B. Dickinson 1910, A.M. 1913, LL.B. 1916; SHU-TANG YEN, A.B. Chihli Provincial 1911, LL.B. Pei-Yang 1915. [3]

*Master of Science (Faculty of Applied Science).* EDWIN THOMAS ALLEN,\* Chem. Eng. 1917. [1]

*Master of Science (Faculty of Practical Arts).* EDITH D. BROWNELL, B.S. Iowa State 1915; EMMA DOLFINGER, Ph.B. Chicago 1903; FLORENCE LOUISE KENWAY,\* B.S. 1914; JANET LOUISE MCQUAID,\* A.B. Trinity 1908. [4]

\* October, 1917. † February, 1918.



*Master of Science (School of Business).* BAILEY L. CHEU, Ph.B. Wisconsin 1917; KAI TSEUNG CHUNG, B.S. N. Y. Univ. 1917; SZU-KUANG LI, A.B. Illinois 1917; NINA MARY R. MILLER, A.B. Wisconsin 1915; CHIYOJI OHINATA,† A.B. Illinois 1916; NICANOR ISIDORO REYES, A.B. Philippines 1915, B.C.S. N. Y. Univ. 1917; SALVADOR UNSON, B.C.S. N. Y. Univ. 1917. [7]

## DOCTORS OF PHILOSOPHY

*Doctor of Philosophy.* EDITH FRANCES MULHALL ACHILLES, B.S. 1914, A.M. 1915, Major subject: Psychology; JAMES FOWLER ADAMS, B.S. Mass. Agri. 1911, M.S. Penn. State 1914, Major subject: Botany; THOMAS ALEXANDER,† A.B. 1910, Major subject: Education; JAMES CLARENCE ANDREWS, B.S. in Chem. Iowa 1915, Major subject: Chemistry; HALSEY JOSEPH BAGG, B.S. 1914, A.M. 1915, Major subject: Psychology; HARRY ELMER BARNES, A.B. Syracuse 1913, A.M. 1914, Major subject: History; MARTHA WARREN BECKWITH, A.M. 1906, B.S. Mt. Holyoke 1893, Major subject: Anthropology; FRANK MOORE BEEGLE, A.M. 1917, B.S. Penn. State 1912, Major subject: Chemistry; BENJAMIN HAROLD BIRNBAUM, A.M. 1914, B.S. C. C. N. Y. 1912, Major subject: Semitics; JULIAN BLANCHARD,\* A.M. 1909, A.B. Trinity (N. C.) 1905, Major subject: Physics; CHESTER A. BUCKNER, A.B. Iowa 1909, A.M. 1911, Major subject: Education; HUBERT GUY CHILDS, B.S. Minnesota 1897, A.M. Leland Stanford, Jr. 1911, Major subject: Education; HARRY COHEN, B.S. C. C. N. Y. 1915, Major subject: Semitics; HELEN COPELAND COOMBS, A.B. 1911, B.S. 1914, A.M. 1915, Major subject: Physiology; ROBERT ALEXANDER CUMMINS, B.S. Illinois Wesleyan 1909, A.M. Illinois 1910, Major subject: Education; EUGENE NEWTON CURTIS,\* A.B. Yale 1901, B.D. Epis. Theol. Sem. 1904, A.M. Harvard 1904, Major subject: History; ROBERT EUGENE CUSHMAN,\* A.B. Oberlin 1911, Major subject: Politics; ANDREW IGNATIUS DAWSON, A.M. 1916, Major subject: Bacteriology; ALEXANDER MORDECAI DUSHKIN, A.M. 1913, A.B. C. C. N. Y. 1911, Major subject: Education; JAMES GARFIELD DWYER, A.M. Queen's Univ. 1902, M.D. 1905, Major subject: Bacteriology; FREDERICK EBERSON, A.M. 1916, B.S. C. C. N. Y. 1912, M.S. Iowa State 1915, Major subject: Bacteriology; NICKOLAUS LOUIS ENGELHARDT, A.B. Yale 1903, Major subject: Education; FRANCESCO ETTARI, Lic.lic. Royal Univ. of Naples 1881, Dipl. univ. 1883, Dott.litt. 1885, Major subject: Romance Philology; LOUIS FINKELSTEIN, A.B. C. C. N. Y. 1915, Major subject: Semitics; PHILIP SARGANT FLORENCE, A.B. Cambridge 1912, A.M. 1916, Major subject: Economics; FINLEY MELVILLE KENDALL FOSTER,† A.B. N. Y. Univ. 1913, A.M. 1914, Major subject: English; IRA DUFRESNE GARARD, A.M. 1916, B.S. Grove City 1911, Major subject: Chemistry; WALTER JOHN GIFFORD, A.M. 1911, A.B. Oberlin 1907, Major subject: Education; HUNTINGTON GILCHRIST, A.B. Williams 1913, A.M. Harvard 1916, Major subject: Public Law; ROBERT LEE HALE, A.B. Harvard 1906, A.M. 1907, LL.B. 1909, Major subject: Economics; TULA LAKE HARKEY, A.B. Colorado 1909, Major subject: Biological Chemistry; ARTHUR WARREN HIXSON, A.B. Kansas 1907, M.S. 1915, Major subject: Chemical Engineering; WALTER EDWARD HOFFSOMMER, A.B. Ursinus 1903, A.M. 1916, Major subject: Education; HENRY GUSTAVE HOTZ,† Ph.B. Wisconsin 1913, A.M. 1915, Major subject: Education; HAN LIANG HUANG, A.M. 1916, Litt.B. Princeton 1915, Major subject: Economics; GLENN JAMES,† A.B. Indiana 1905, A.M. 1910, Major subject: Mathematics; FRANKLIN JOHNSON, Jr., A.M. 1898, LL.B. 1898, A.B. Chicago 1896, Major subject: Sociology; RICHARD FOSTER JONES, A.M. 1910, A.B. Texas 1907, Major subject: English; PAUL J. KRUSE,\* A.B. Iowa 1906, A.M. Washington 1913, Major subject: Education; STERLING POWER LAMPRECHT, A.B. Williams 1911, A.M. Harvard 1912, B.D. Union Theol. Sem. 1915, Major subject: Philosophy;

\* October, 1917. † February, 1918.

JOHN B. LEEDS,† B.S. Haverford 1895, A.M. Pennsylvania 1910, Major subject: Social Economy; GEORGIA WILLIAMS LEFFINGWELL, A.B. Vassar 1913, A.M. 1915, Major subject: Ancient History; CHARLES TEMPLEMAN LORAM,† A.B. Cape of Good Hope 1900, LL.B. Cambridge 1905, A.M. 1907, Major subject: Education; GABRIEL A. LOWENSTEIN, B.S. 1913, A.M. 1914, Major subject: Biological Chemistry; LAWRENCE TYNDALE LOWREY, A.M. 1914, B.S. Mississippi 1909, A.M. 1913, Major subject: American History; JOHN HENRY HOBART LYON, A.B. 1897, A.M. 1898, Litt.D. Trinity 1913, Major subject: English; ROBERT STANLEY MCEWEN,\* A.B. Western Reserve 1911, A.M. 1912, Major subject: Zoology. WILLIAM ARTHUR MADDOX,† A.M. 1911, A.B. William and Mary 1904, Major subject: Education; JOSEPH K. MARCUS, A.B. C. C. N. Y. 1914, Major subject: Chemistry; ARTHUR RAYMOND MEAD,\* A.M. 1910, A.B. Miami 1909, Major subject: Education; WILLIAM STUART MESSER,† A.B. 1905, A.M. 1909, Major subject: Classical Philology; GRAHAM JOHN MITCHELL, A.M. 1913, B.S. Oregon 1912, Major subject: Geology; RAYMOND CHARLES MOLEY, Ph.B. Baldwin 1906, A.M. Oberlin 1913, Major subject: Politics; JOSÉ D. MORAL, M.D. Guayaquil 1912, Major subject: Bacteriology; ELIZABETH NITCHIE, A.B. 1910, Major subject: English; STUART G. NOBLE, A.B. North Carolina 1907, A.M. Chicago 1910, Major subject: Education; CLARENCE HUNTER NORTHCOTT, A.B. Sydney Univ. 1905, A.M. 1916, Major subject: Sociology; MOISSAYE JOSEPH NOVOMISSKY OLGIN, Major subject: Economics; WALTER WILLIAM PETTIT, B.S. 1911, A.M. 1912, Major subject: Education; WALTER CLARKE PHILLIPS, A.M. Brown 1903, Major subject: English; AGIDE PIRAZZINI,\* A.B. Brown 1903, A.M. 1904, B.D. Temple 1905, S.T.D. 1908, Major subject: Romance Languages; FRED WILBUR POWELL, A.B. Leland Stanford Jr. 1904, A.M. 1905, Major subject: Politics; JULIUS JOSEPH PRICE,\* A.B. Pennsylvania 1908, A.M. 1911, Major subject: Semitics; WILLIAM T. ROWLAND, A.B. Kentucky Wesleyan 1902, A.M. Vanderbilt 1907, Major subject: Latin; ARTHUR MEIER SCHLESINGER,† A.M. 1911, A.B. Ohio State 1910, Major subject: American History; WILLIAM ELMER SEALOCK; A.B. Ohio State 1905, Major subject: Education; LEWIS LAZARUS SELL, A.B. 1916, A.M. 1917, Major subject: Classical Philology; MARGARET MERRIAM SHERWOOD, A.B. Vassar 1912, Major subject: Romance Languages; EMMA PETERS SMITH,† A.M. 1909, A.B. Goucher 1904, Major subject: History; VERNON STAUFFER, A.M. 1912, A.B. Hiram 1901, Major subject: History; HARVEY JULIAN SWANN, A.M. Harvard 1906, Major subject: Romance Languages; EN-SAI TAI,† A.M. 1915, A.B. St. John's 1913, Major subject: International Law; SEIGO TAKAHASHI,\* A.M. 1916, A.B. Waseda 1913, A.M. 1914, Major subject: Public Law; ROBERT LEONARD TUCKER,† A.M. 1915, A.B. Wesleyan 1913, Major subject: History; ELIZABETH STEARNS TYLER, A.B. Smith 1909, Major subject: Romance Languages; CLAYTON T. ULREY,† A.B. Indiana 1911, A.M. Maine 1913, Major subject: Physics; MARVIN JAMES VAN WAGENEN, B.S. 1911, A.M. 1912, Major subject: Education; HORATIO WALES, Jr., A.M. 1917, A.B. Amherst 1915, Major subject: Chemistry; EDITH GRACE WHITE,† A.M. 1913, A.B. Mt. Holyoke 1912, Major subject: Zoology; GUY MITCHELL WILSON,† A.B. Indiana 1900, A.M. 1908, Major subject: Education; WALTER THOMAS WOODY,† A.B. Indiana 1913, Major subject: Education; FRANK JAMES WRIGHT,† A.B. Bridgewater 1908, A.M. Virginia 1911, Major subject: Geology; EDWIN HERMANN ZEYDEL, A.B. 1914, A.M. Cornell 1915, Major subject: Germanic Languages. [83]

#### HONORARY DEGREES

*Master of Arts.* L'ABBE CABANEL, Chaplain in the French Army; T. TERTIUS NOBLE, Organist and Composer; PAUL PERIGORD, Lieutenant in the French Army.

*Doctor of Science.* JONAS WALDO SMITH, Engineer.

*Doctor of Letters.* FERNAND BALDENSPERGER, Professor at the Sorbonne.

\* October, 1917. † February, 1918.

*Doctor of Laws.* JUSTIN GODART, Member of the Chamber of Deputies, Lyons, France, Under Secretary of War in the French Government; ROBERT LANSING, Secretary of State; RIGHT HONORABLE THE EARL OF READING, British High Commissioner and Ambassador on Special Mission; FRANCIS MARKOE SCOTT, Formerly Justice of the Supreme Court of the State of New York; and the following conferred during the year: April 11, 1918, RIGHT HONORABLE AND MOST REVEREND COSMO GORDON LANG, Lord Archbishop of York, Primate of England and Metropolitan.

# COMMENCEMENT CALENDAR

## FRIDAY, MAY 31

9:30 a. m. Teachers College River Day, Bear Mountain. (By subscription.)

8:30 p. m. Barnard College Senior Play, Students Hall. (By subscription.)

## SATURDAY, JUNE 1

1:00 p. m. Teachers College Luncheon, Hotel McAlpin. (By subscription.)

6-7:30 p. m. Barnard Alumnae Suppers, Students Hall.

8:00 p. m. Teachers College Senior Dance, Whittier Hall. (By subscription.)

8:30 p. m. Barnard College Senior Play, Students Hall. (By subscription.)

## SUNDAY, JUNE 2

4:00 p. m. Baccalaureate Service, University Gymnasium: Sermon by the Reverend Charles L. Slattery, D.D.

## MONDAY, JUNE 3

2:00 p. m. Columbia College Class Day, Green between Earl and Mines. (By invitation.)

3:30-5:30 p. m. Teachers College Reception, Dean and Mrs. Russell, Thompson Gymnasium.

4:30 p. m. Columbia College Senior Tea, Earl Hall.

## TUESDAY, JUNE 4

2:00 p. m. Teachers College Senior Class Day, Horace Mann Auditorium.

2:30 p. m. Barnard College Class Day, Students Hall. (By invitation.)

4:00 p. m. Teachers College Garden Fete. (By invitation.)

4:00 p. m. Phi Beta Kappa Joint Meeting, 307 Library Building.

6:00 p. m. Phi Beta Kappa Dinner for the Columbia Section, Faculty Club.

8:00 p. m. Phi Beta Kappa Oration. 'A Re-Definition of Fraternity', by Dr. Mary E. Woolley, President of Mt. Holyoke College. A poem by Mr. Louis V. Ledoux, 305 Schermerhorn Hall.

8:30 p. m. Columbia College Senior Dance, Earl Hall.

## COMMENCEMENT DAY, WEDNESDAY, JUNE 5

9:30 a. m. The Trustees, Faculties, and Graduating Classes will form in procession in the corridors of the Library and proceed to the Gymnasium. The procession will start promptly at 9:50.

10:30 a. m. Conferring of degrees and award of honors.

12:15 p. m. Presentations and Ceremonies: Presentation of Class of 1891 Gate—Presentation of Faculty Service Flag by the Trustees—Presentation of the Class of 1893 Chimes—Inspection of Students Hall, Barnard College—Dedication of Van Amringe Memorial.

1:15 p. m. Alumni Luncheons: For the Alumni and Officers of the University, in the Gymnasium. Chairman, President Butler.

## THURSDAY, JUNE 6

7:00 p. m. Barnard Senior Banquet. Students Hall.

## DEGREES AND DIPLOMAS GRANTED, 1917-1918

|                                                                       | Men        | Women        | Total        |
|-----------------------------------------------------------------------|------------|--------------|--------------|
| <b>A. Degrees conferred in course</b>                                 |            |              |              |
| Bachelor of Arts                                                      | 136        | 142          | 278          |
| Bachelor of Laws                                                      | 54         |              | 54           |
| Bachelor of Science                                                   | 76         | 15           | 91           |
| Bachelor of Science (Business)                                        | 2          | 2            | 4            |
| Bachelor of Science (Practical Arts)                                  | 36         | 309          | 345          |
| Bachelor of Architecture                                              | 1          |              | 1            |
| Bachelor of Literature                                                | 8          | 11           | 19           |
| Chemical Engineer                                                     | 3          |              | 3            |
| Civil Engineer                                                        | 8          |              | 8            |
| Electrical Engineer                                                   | 3          |              | 3            |
| Engineer of Mines                                                     | 9          |              | 9            |
| Metallurgical Engineer                                                | 1          |              | 1            |
| Doctor of Medicine                                                    | 118        |              | 118          |
| Pharmaceutical Chemist                                                | 5          | 1            | 6            |
| Master of Arts                                                        | 134        | 147          | 281          |
| Master of Arts (Education)                                            | 129        | 177          | 306          |
| Master of Laws                                                        | 3          |              | 3            |
| Master of Science (Applied Science)                                   | 1          |              | 1            |
| Master of Science (Business)                                          | 6          | 1            | 7            |
| Master of Science (Practical Arts)                                    |            | 4            | 4            |
| Doctor of Philosophy                                                  | 73         | 10           | 83           |
| <i>Total</i>                                                          | <i>806</i> | <i>819</i>   | <i>1,625</i> |
| Deduct duplicates <sup>1</sup>                                        | 3          |              | 3            |
| <i>Total individuals receiving degrees in course</i>                  | <i>803</i> | <i>819</i>   | <i>1,622</i> |
| <b>B. Honorary degrees</b>                                            |            |              |              |
| Master of Arts                                                        | 3          |              | 3            |
| Doctor of Letters                                                     | 1          |              | 1            |
| Doctor of Laws                                                        | 5          |              | 5            |
| Doctor of Science                                                     | 1          |              | 1            |
| <i>Total</i>                                                          | <i>10</i>  |              | <i>10</i>    |
| <b>C. Certificates and Teachers College Diplomas granted</b>          |            |              |              |
| Certificate of Proficiency in Architecture                            | 1          |              | 1            |
| Bachelor's Diploma in Education                                       | 28         | 198          | 226          |
| Master's Diploma in Education                                         | 75         | 112          | 187          |
| Doctor's Diploma in Education                                         | 7          |              | 7            |
| Bachelor of Arts Certificate for Academic Record and National Service | 58         |              | 58           |
| Secretarial Certificate in Business                                   |            | 2            | 2            |
| <i>Total</i>                                                          | <i>169</i> | <i>312</i>   | <i>481</i>   |
| <i>Total degrees and diplomas granted</i>                             | <i>985</i> | <i>1,131</i> | <i>2,116</i> |
| Deduct duplicates <sup>2</sup>                                        | 100        | 302          | 402          |
| <i>Total individuals receiving degrees and diplomas</i>               | <i>885</i> | <i>829</i>   | <i>1,714</i> |

<sup>1</sup> Distributed as follows: A.M. and A.B., 2 men; A.M. and LL.B., 1 man.<sup>2</sup> In addition to those noted under Note 1 (3), the following duplications occur: B.S. and Teachers College Diploma, 20 men, 195 women; A.M. and Teachers College Diploma, 70 men, 105 women; Ph.D. and Teachers College Diploma, 7 men; Teachers College Diploma, 2 women.



# FELLOWSHIPS, SCHOLARSHIPS, AND OTHER PROVISION FOR THE ASSISTANCE AND REWARD OF STUDENTS

(For Awards see page 296)

NOTE: Unless otherwise provided, all stipends of Fellows and Scholars are paid in equal semi-annual instalments on the second Wednesday of each Winter and Spring Session. Before being entitled to receive the instalment of his stipend, each Fellow and Scholar is required to report himself in writing to the Registrar, as in residence, on or before the opening day of each Session. Failure so to report may operate to vacate the fellowship or scholarship.

Fellows and Scholars are required to pay the University, tuition, and degree fees, as they are prescribed by the Statutes.

## GENERAL REGULATIONS

The following regulations apply, unless the contrary is specifically stated, to the award of all fellowships and scholarships:

In each case application in writing, on a blank prepared for the purpose, must be filed with the Secretary of the University; for fellowships and University scholarships on or before March 1, for other scholarships on or before May 1. Applications and documents received in support thereof later than these dates, or not distinctly indicating the name of the candidate and the fellowship or scholarship for which he applies, may fail of consideration. As an evidence of graduation, a printed certificate is preferable to the formal diploma itself, as there is risk that the latter may be lost or injured in transit.

The appointment is in each case for one year dating from July 1. The Fellowship or Scholarship is not available for the Summer Session or in Extension Teaching. Candidates will be notified as promptly as possible as to the success of their applications. If the applicant wishes the documents which he has submitted returned to him by mail he should enclose postage for the purpose, otherwise they will be held until called for. Documents will not be preserved for more than one year from the date of application.

All Fellows and Scholars, except as hereinafter provided, shall reside in New York City or its vicinity during the academic year, unless permission be granted to study elsewhere. No Fellow or University Scholar may pursue a professional or technical course of study during his term.

The conditions under which the appointment may be granted are indicated in the following paragraphs.

## UNIVERSITY FELLOWSHIPS

Twelve fellowships, known as 'University Fellowships,' of the value of \$500, and in addition thereto the sum of \$150, or so much thereof as is necessary to pay the University and tuition fees, are awarded annually by the University Council at its stated meeting in April, to those graduates of colleges and scientific schools, not over thirty years of age, who show themselves especially fitted to pursue courses of higher study and original investigation. The candidate must give evidence:

(a) Of a liberal education, such as a diploma from a college or scientific school of good repute;

(b) Of decided fitness for a special line of study, such as an example of some scientific or literary work already performed;

(c) Of upright character, such as a testimonial from some instructor.

A Fellow may be reappointed for reasons of weight, but not for more than two terms of one year each. Vacancies will be filled in the same manner in which original appointments are made.

These fellowships are awarded as honors, and those who are so disposed for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the list of Fellows. In such cases additional University Fellows may be appointed. Each Fellow is expected to perform such duties as may be allotted to him in connection with a course of study leading to the degree of Doctor of Philosophy. He is expected to devote his time to the prosecution of special studies under the direction of the department in which his major subject lies, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other approved method. No Fellow shall be allowed to accept remunerative employment or to give instruction or assistance in any department of the University except by permission of the President, and the acceptance of any such employment, without such permission, shall operate to vacate the fellowship.

#### SPECIAL FELLOWSHIPS

Unless otherwise specified, the regulations as to the mode of application for the following fellowships, and the conditions governing their award and tenure, are the same as those for University Fellowships. Candidates should indicate clearly upon their application blanks the fellowship for which they are applicants.

*Adams.* The Ernest Kempton Adams Research Fellowship, founded by Edward Dean Adams, in memory of his son, Ernest Kempton Adams, E.E., '97, A.M. '98, is of an annual value of \$1,250. The appointment may be made from among the teaching staff, alumni, or students of the University. The incumbent shall prosecute researches either at Columbia or elsewhere, in the physical sciences, or in their practical applications. The results of these investigations are published and distributed by the University under the title of 'Researches of the Ernest Kempton Adams Research Fellows of Columbia University'.

*Alumni Association (Medicine).* Provision is made annually by the Alumni Association of the College of Physicians and Surgeons for a fellowship, tenable for one year and of an annual value of \$650, open to graduates who have shown special aptitude for scientific research in the Department of Pathology. Appointments are made upon the nomination of the Executive Committee of the Alumni Association from candidates presented by the Professor of Pathology. Incumbents of this fellowship are expected to devote themselves to scientific research either at Columbia, where they enjoy free tuition and the privileges of the laboratories, or in other institutions either here or abroad at their own expense, and at the end of the year's work to present to the Association a thesis containing evidence of independent or original work.

*Archæology.* The University maintains an annual fellowship in the International School of American Archæology and Ethnology in Mexico.

*Barnard.* The Barnard Fellowship for Encouraging Scientific Research, endowed by the bequest of the late President Barnard, is awarded every third year beginning with 1918, upon the joint recommendation of the Faculties of Columbia College, Applied Science, and Pure Science to a graduate who, having shown decided aptness for physical investigation, is disposed to devote himself for some years continuously thereto. The Barnard Fellow receives the net income of the capital sum constituting the endowment of the Fellowship which shall accrue during three years, amounting to \$1,237.50.

The appointment is for the term of one year, but the incumbent shall be eligible to reappointment. It is the duty of a Barnard Fellow to devote himself to the investigation of some subject in physical science at this University, or at some other in this country or abroad, under the supervision of some known physicist approved by the Department of Physics. He will make a report certified to by the physicist superintending and directing him, giving an account of the work in which he has been engaged.

*Blumenthal.* The George Blumenthal, Jr., Fellowships for advanced study and research in medicine and surgery, are awarded each year by the University Council on the nomination of the Medical Faculty. The Fellows so appointed are entitled to receive annual stipends of not more than \$1,000 each. No Fellow shall be reappointed for more than one year.

*Bridgham.* The Samuel Willard Bridgham Fellowship is awarded annually by the University Council on the recommendation of the Faculty of Applied Science, in accordance with the usual regulations governing University Fellowships. The Fellow is entitled to receive the net annual income of the capital sum of the Samuel Willard Bridgham Fellowship Fund, amounting to \$20,000.

*Class of '70.* The 'Class of '70 Fellowship' has an annual value of \$500. It is filled by the University Council, subject to such regulations as may be prescribed.

*Columbia.* The Columbia Fellowship in Architecture, established in recognition of the gift of F. Augustus Schermerhorn, E.M., '68, to the School of Architecture, is open every third year, beginning with 1915-1916, to all graduates of the School within the three years following graduation, and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of three years of the endowment fund of \$13,000. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

*Curtis.* The George William Curtis Fellowship is awarded for a term of two years upon the recommendation of the Faculty of Political Science in every third year, the next award being for 1916-1917. The Curtis Fellow is entitled to receive the net income of the endowment of \$10,000, accruing during a period of three years, and proportionately for any part of the term. Candidates shall submit an essay or address on the 'Immediate Duty of the American Citizen.' The Fellow shall devote himself to the study of the science of government, with a special view to its application to the then existing condition of the United States or to the State or City of New York; and at or before the conclusion of his second year he shall publish (a) a monograph satisfactory to the Faculty of Political Science on some subject relating thereto, and (b) a brief sketch of George William Curtis as a citizen and orator, showing that he has familiarized himself with the life and character of the man whose memory is to be perpetuated by the fellowship which he has enjoyed.

*Cutting.* The William Bayard Cutting Traveling Fellowships, founded by Mrs. William Bayard Cutting, in memory of her husband, William Bayard Cutting, LL.B. '71, A.M. '72, are awarded annually by the Trustees to graduate students who have given evidence of ability to make contributions of value to letters, science, law, medicine, or the fine arts. The fellowships are open to men who have been in residence as graduate students and candidates for a higher degree under the Faculties of Political Science, Philosophy, or Pure Science, for at least one academic year, and to graduates of Columbia University in Law, Medicine, Applied Science, or the Fine Arts, who have had at least one year of additional study as graduate students in the University. In addition, not more than two members of the senior or graduating class in Columbia College may be appointed to such fellowships in any one year. Holders of these fellowships are required to pursue their studies either in the United States or in foreign countries under such direction as may from time to time be prescribed. The stipend of

each fellowship will be fixed at the time of its award and will depend upon the requirements and purposes of individual Fellows. The normal minimum stipend is \$1,000. Appointments are made by the Trustees at their stated meetings in June of each year, and the fellowships are available from July 1 following.

*Drisler.* The Henry Drisler Fellowship in Classical Philology, established in commemoration of the semi-centennial in the service of the University of Professor Henry Drisler, A.B., '39, is of the annual value of \$650. It is open to Bachelors of Arts of this University, or some other institution of equivalent standing, who have studied Greek and Latin throughout their undergraduate course, and who have an adequate knowledge of French and German. The appointment is made by the Council on the recommendation of the Department of Classical Philology. Reappointments may be made for not more than two terms of one year each. The Fellow must study at this University under the direction of the Department of Classical Philology, unless permitted by the Council to spend a year in some foreign university, or in the American School of Classical Studies at Athens, or in the American School of Classical Studies at Rome.

*Dubois.* The Abram Dubois Fellowship is open to a graduate of the School of Medicine who shall have satisfactorily completed a term of one year or more, the whole or greater part of which shall have been devoted to the diseases of the eye as interne in a hospital in New York or elsewhere, approved by the Committee on Award. The award is made annually, but the holder may be continued in the fellowship, if no equally worthy candidate presents himself. The incumbent is restricted to clinical and laboratory study of the subject of diseases of the eye in foreign or American universities.

*Emmons.* The Emmons Geological Fellowship, established as a memorial to Samuel Franklin Emmons, is awarded annually by the University Council upon recommendation of the Committee of Award who also prescribe in each particular case the amount of the stipend. Applicants for this fellowship must be qualified by proper geological training and experience to undertake the investigation of some problem in or related to Economic Geology. With the approval of the Committee this investigation may be carried on at any place or institution which may be approved by the holder of the fellowship, who must give his whole time to the problem selected, unless otherwise authorized by the Committee of Award. If, for any reason, the fellowship shall not be awarded in any given year, the Committee may nominate two fellows for the succeeding year or may otherwise dispose of the unexpended income of the fund for such year as it deems best, in accordance with the terms of the gift.

*Garth.* The Granville W. Garth Fellowship in Political Economy is awarded each year by the Council on the recommendation of the Faculty of Political Science. The Fellow is entitled to receive the net annual income of the Granville W. Garth Memorial Fund of \$16,250.

*Gilder.* Two or more Gilder Fellowships are awarded annually by the Council on the recommendation of the Faculty of Political Science to graduates of any college or university, or to students having exceptional qualifications. The Fellows shall devote themselves to the investigation of political and social conditions in this country or abroad, to the examination and analysis of the practical working of legislation enacted for the purpose of improving civic conditions or to practical civic working, in accordance with plans approved by the Professor of Politics and the Professor of Sociology. It shall be the duty of each Gilder Fellow to make a written report at least semi-annually to such professors, giving an account of the work on which he has been engaged. Each of such Fellows shall receive such portion of the income of the Richard Watson Gilder Fund for the Promotion of Good Citizenship as the Trustees may from time to time determine, provided that a portion of the income of the fund may be set aside to meet the cost of publishing the results of the investigations and studies of such Fellows, and



such publications shall bear the title of the fund. A fellow may be reappointed for two additional years.

*Goldschmidt.* The Samuel Anthony Goldschmidt Fellowship in Chemistry is awarded each year by the Council in the same manner as University Fellowships are awarded and subject to the same regulations. The Fellow shall be entitled to receive the annual net income of \$16,250, the gift of George B. Goldschmidt as a memorial to Samuel Anthony Goldschmidt of the Class of '71.

*Gottsberger.* The Gottsberger Fellowship, awarded every second year, is open only to candidates who, having first taken a degree in Columbia College, have been, for not less than two years, resident graduate students at Columbia, taking also the Degree of Master of Arts. The holder may, with the consent of the professor in charge of his major subject of study, pursue his studies abroad. The Fellow is entitled to receive the net income for two years of the Cornelius Heeney Gottsberger Scholarship Fund of \$9,500.

*McKim.* The McKim Fellowship in Architecture, endowed by gift of Charles F. McKim, is open every third year, beginning with 1917-1918, to all graduates of the School of Architecture within the three years following graduation and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of two years of the endowment fund of \$20,000. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

*Mitchell.* The William Mitchell Fellowship is awarded annually by the Trustees, on the nomination of the Faculty of Columbia College, to a graduate of the College who purposes entering upon a course of advanced study in letters or science. In determining the appointment, preference is given to members of the graduating class and to graduates of not more than three years' standing. The Fellow is entitled to receive the net income of the fund of \$10,000, bequeathed by Benjamin D. Silliman, and he is permitted to study at Columbia or elsewhere.

*Mosenthal.* The Mosenthal Fellowship, established in memory of the late Joseph Mosenthal, is designed to aid talented students of musical composition, either men or women, in the study of their art. The stipend is the net income for two years of the capital sum of \$7,500. It is awarded every even year by the Council upon the recommendation of the Department of Music, and is tenable for one year. Applicants are required to show a thorough knowledge of harmony and of counterpoint and some ability to compose, by submitting a number of original compositions in support of their applications. The holder must devote himself to the study of musical composition at Columbia or, with the approval of the department, abroad. In the former case, he shall be required, in addition to his studies in Music, to pursue such other studies in at least two departments of the University as the Department of Music may direct. The Fellow shall submit, at such times as may be designated, the results of his work in musical composition.

*Perkins.* The Perkins Fellowship, established by the bequest of Willard P. Perkins, is open every sixth year, beginning with the year 1902, to all graduates of the School of Architecture within the three years following graduation, and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of six years of the endowment fund of \$5,700. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

*Plaut.* The Isaac Plaut Fellowship for the encouragement of graduate study and original research in Pharmacy, established by Albert Plaut in memory of his father, is

of an annual value of \$500. It is open to that Bachelor of Science in Pharmacy of the College of Pharmacy who shall have shown among the members of his class during his course of study the greatest taste and aptitude for original investigation. The appointment is made by the University Council upon the nomination of the Trustees of the College of Pharmacy. The Fellow shall attend a foreign institution to be selected by himself and approved by the Faculty of the College of Pharmacy, and shall pursue a course of study approved by the Faculty. At the close of his incumbency he shall present to the Faculty a written report of his work.

*Proudfit (Letters).* The Alexander Moncrief Proudfit Fellowship in Letters for the encouragement of the study of English Literature, established by the bequest of Alexander Moncrief Proudfit, is open to any son of native-born American parents who shall have taken the degree of Bachelor of Arts after three years' residence in Columbia College, and who shall, while enjoying such fellowship, remain unmarried. The appointment is made by the Council upon the recommendation of the Department of English. The Fellow is entitled to receive the net income of the sum of \$13,875. He shall carry on his studies and research at Columbia or elsewhere, under the direction of the department named.

*Proudfit (Medicine).* The Maria McLean Proudfit Fellowship, endowed by the late Alexander Moncrief Proudfit, A.B. '92, for the encouragement of advanced studies in medicine, is open to any son of native-born American parents, a graduate in medicine, who shall pursue advanced studies in internal medicine, under the direction of the Medical Faculty of the University, and who shall, while enjoying such fellowship, remain unmarried. The appointment is made every four years by the University Council on the recommendation of the Faculty of Medicine, upon terms designated by the Faculty. The Fellow shall carry on his studies under the direction of the Faculty of Medicine.

*Schiff.* The Schiff Fellowship in Political Science, the gift of Jacob H. Schiff, is of an annual value of \$600. The appointment is made by the Council upon the recommendation of the Faculty of Political Science, which recommendation is based upon the provision that on or before April 1 of each academic year the Faculty of Political Science shall propose to Jacob H. Schiff, while living, the name of a suitable person for nomination by him. The conditions to govern the nomination after Mr. Schiff's death will be found in the University Statutes.

*Schurz.* The Carl Schurz Fellowship for the study of the German Language and Literature is awarded, in every even-numbered year, by the Council, upon the recommendation of the Department of Germanic Languages and Literatures. The Fellow is entitled to receive the net income for two years of the capital sum of \$10,000, constituting the endowment contributed by citizens of New York, in commemoration of the seventieth birthday of Carl Schurz. The appointment may be renewed for reasons of weight or for a further term of one year, but without additional stipend. The holder of the fellowship must remain at Columbia under the direction of the department unless permitted by the Council to study at some German university.

*Trowbridge.* The William Petit Trowbridge Fellowship in Engineering is awarded annually by the Trustees on the recommendation of a Committee consisting of the President of the University and the heads of the Departments of Mining, Civil, Mechanical, and Electrical Engineering. The Fellow so appointed is entitled to receive the net annual income of the sum of \$10,000, comprising the Trowbridge Fellowship Fund, and is to be governed by such regulations as the Committee shall prescribe. If, for good and sufficient reasons, the fellowship is not awarded at any given time, the income may be expended for the advancement or encouragement of engineering research, as determined by the Committee of Award.

*Tyndall.* The Tyndall Fellowship for the Encouragement of Research in Physics, endowed by Professor John Tyndall, is awarded every second and third year in a

cycle of three years, beginning with 1915, for the term of one year only, upon the recommendation of the Department of Physics, either to a graduate of the University or to a student in it who may have shown decided talent in physics, preferably to one who shall express the determination to devote his life to the advancement of theoretic science and original investigations in that department of learning. The Tyndall Fellow receives the net income of the capital sum constituting the endowment of the Fellowship for one and one-half years, to the minimum amount of \$972. It is the duty of a Tyndall Fellow to devote himself fully to the investigation of some subject in physical science at this or some other university, under the supervision of some known physicist approved by the Department of Physics. He shall make a report, certified to by the physicist superintending and directing him, giving an account of the work in which he has been engaged.

#### ANNUAL FELLOWSHIPS

The Treasurer may receive gifts of money for fellowships for one year or more, provided that no fellowship shall be created for less than \$500 per annum. Such fellowship shall be filled by the University Council, subject to such regulations as may be prescribed.

#### UNIVERSITY SCHOLARSHIPS

Twenty-eight University Scholarships, of the value of \$150 each, are awarded annually by the University Council at the stated meeting in April, under the following regulations:

These scholarships are open to graduates of all colleges and scientific schools of approved standing, who are candidates for a higher degree, not over thirty years of age, whose course of study has been such as to entitle them to be enrolled at Columbia as candidates for one of the higher degrees. They are tenable for one academic year, with a possibility of renewal for one year longer. In the awards preference will be given to those candidates for University fellowships who have failed of appointment after having been recommended by any faculty or department. University Scholars will be required to enroll themselves as candidates for a higher degree and to pursue a regular course of study leading thereto. A University Scholar may relinquish the income thereof without waiving his right to be thus designated.

*Curtis University Scholarships.* Four University Scholarships, known as the Curtis University Scholarships, are awarded annually to women students under the Faculties of Political Science, Philosophy, and Pure Science, under the same regulations as those governing the University Scholarships.

#### SPECIAL SCHOLARSHIPS

*Aldrich.* The scholarship known as the James Herman Aldrich Scholarship, established by James Herman Aldrich of the Class of '63, by a gift of \$5,000 in commemoration of the fiftieth anniversary of his graduation, is awarded annually to such persons as the President may designate, with the approval of the Trustees.

*Alumni Association (College).* Four Alumni Association Scholarships have been established in Columbia College by the Trustees in recognition of the interest that the Alumni Association has always shown in the affairs of the College, and are open only to Freshmen who complete the requirements for admission before matriculation.

*Alumni Competitive (College).* Four Alumni Competitive Scholarships were established in Columbia College by the Trustees in 1890. One is awarded annually by the Committee on University Admissions to those qualified Freshmen who pass in June the best entrance examinations in subjects aggregating the fifteen units requisite for admission. The examination may be taken at any point where examinations are held by the College Entrance Examination Board. No applications are required from

candidates for first appointment. Reappointments are made under the general regulations of the Committee on Scholarships.

*Beck (College).* The Beck Scholarship was established in Columbia College in recognition of the liberality of Charles Bathgate Beck, A.B., '77, LL.B. '79, and is awarded to applicants whose record for ability and scholarship obtained either before or after matriculation gives evidence of special fitness for the course of study they wish to pursue. Students not in need of financial aid cannot be considered as applicants, nor can those who through physical, mental, or moral weakness, give little promise of future usefulness.

*Beck (Law).* The Charles Bathgate Beck Prize Scholarship is awarded to the first-year candidates who pass the best examination in the subject relating to Real-Estate Law. The holder shall, provided he remains a member of the School of Law, receive one year's income of the prize fund established by the will of Charles Bathgate Beck in equal semi-annual instalments, during the two years following the award. If two or more students pass examinations of equal merit, the income of the fund may be divided.

*Benefactors.* Sixty-three scholarships of tuition value were established by the Trustees in 1899 in recognition of the liberal gifts for the purchase of the site of Morningside Heights received from J. Pierpont Morgan, Cornelius Vanderbilt, A. A. Low, R. Fulton Cutting, Alfred Corning Clark, Samuel Sloan, Henry Parish, Jacob H. Schiff, and others. These scholarships have been assigned to different faculties as follows: Columbia College, 20, open only to Freshmen; Applied Science, 27, open only to students who have been in the University at least one year; Law, 16, open to students who have been in the School of Law at least one year.

*Blumenthal.* A scholarship, or scholarships, open to qualified candidates, is maintained in the College of Physicians and Surgeons by the income of the George Blumenthal, Jr., Scholarship Fund. An annual award is made to a student, or students, to cover the cost of tuition or for other purposes, in amounts not less than \$250 nor more than \$500 to any one student in any one academic year.

*Brooklyn.* Twelve Brooklyn Scholarships were established in Columbia College by the Trustees in 1895, in recognition of ex-President Low's gift of a memorial building for the University Library. Three are open for competition annually to residents of Brooklyn trained either in the public or the private schools of that borough, on the same basis as the Alumni Competitive Scholarships.

*Burgess.* Two scholarships were established by the bequest of Annie P. Burgess, known as the Dr. Daniel M. Burgess and the Annie P. Burgess Scholarships, and are to be awarded annually by the President and Trustees to two worthy and deserving young men of good habits and Christian character, who may be unable to pay their own expenses while pursuing their studies in the University. The value of these scholarships is the income of the two distinct sums of \$5,000 each.

*Butler.* The Richard Butler Scholarship, tenable for one academic year, with the possibility of renewal for each of two years more, for the benefit of male students born in the State of Ohio, is open for competition to qualified candidates who propose to enter any college or school of the University, except Teachers College or the College of Pharmacy. The annual value (to be applied to tuition charges) is the income of a fund of \$5,000, given for the establishment of the scholarship. Applications should be made under the same regulations as those for University Scholarships.

*Campbell.* Two Campbell Scholarships were established in Columbia College by gift from Miss Maria L. Campbell and Miss Catherine B. Campbell, in memory of Robert B. Campbell of the Class of '84, and Henry P. Campbell of the Class of '47. The scholarships are awarded on the same basis as the Beck Scholarships.

*Clark.* By the will of the late Alonzo Clark, M.D., LL.D., for many years President of the College of Physicians and Surgeons, and Professor of Pathology and Practical



Medicine, a scholarship has been established with an income of \$575 a year, for the purpose of promoting the discovery of new facts in medical science.

*Class of '48.* The class of 1848 Scholarships were established in Columbia College by an anonymous gift and are awarded on the same basis as the Beck Scholarships.

*Class of '85.* The Class of 1885 Scholarship was established by the Class of '85, School of Mines, in memory of the twenty-fifth anniversary of graduation, by a gift of \$10,000. The scholarship is open to duly registered students in the Schools of Mines, Engineering, and Chemistry.

*Daly.* The Marcus Daly Scholarship of the annual value of \$1,000, maintained by Mrs. James W. Gerard in memory of her father, is open to that worker or descendant of a worker in the Montana mines who passes the best competitive entrance examinations to the course in Mining Engineering. The winner of the scholarship shall hold the same throughout his course in mining engineering, subject to the same conditions of reappointment as those imposed upon the holders of Alumni Competitive Scholarships in Columbia College.

*Devendorf.* The Devendorf Scholarship, established by a gift of \$6,500 from Mrs. Lodema W. Devendorf in memory of her husband, David M. Devendorf, of the Class of '61, is open to a qualified candidate for the degree of M.D. In making the award preference shall be given to a student from the county of Herkimer, in the state of New York, and preferably to a student from the town of Herkimer.

*De Witt.* The George G. De Witt Scholarship, established in memory of George G. De Witt, of the Class of '67, is awarded for three years to a student entering the Law School. The incumbent of the scholarship shall be a graduate of Columbia College, of Christian parentage, of good mental and moral standing in his class, who may need assistance to enable him to pursue the three-year course in the Law School, and who in the judgment of the Law Faculty, shall be worthy of such privilege. The holder of the scholarship shall reside in a University residence hall. The value of the scholarship shall not exceed the annual income of the fund of \$15,000 given to the University for this purpose.

*Doughty.* A scholarship known as the Francis E. Doughty Scholarship, of \$400, or so much thereof as the income of Francis E. Doughty, M.D., Scholarship Fund will suffice to pay, is awarded annually to such person as the Faculty of the College of Physicians and Surgeons may appoint, in accordance with the rules to be made by them with the approval of the Trustees.

*Faculty.* The trustees have established a series of scholarships known as the Faculty Scholarships which are allotted among the several faculties as follows: College 6, Law 4, Medicine 4, Science 8, Architecture 4.

*General Theological Seminary.* A scholarship is awarded in the General Theological Seminary of the Protestant Episcopal Church by the Trustees of Columbia University upon the following conditions: All candidates shall comply with the requirements for admission to the General Theological Seminary, and as candidates for the ministry of the Protestant Episcopal Church, and must have taken the degree of Bachelor of Arts and have been graduated with honors. Candidates shall report themselves to the Education Committee of the Society for Promoting Religion and Learning in the State of New York at least three months previous to the examination to be held by the Faculty of the General Theological Seminary for the purpose of awarding such scholarship.

*Hall.* The George Henry Hall Scholarship, established by the bequest of \$15,000 by George Henry Hall, is open to undergraduates of Columbia College and is awarded by the Faculty of Columbia College, preference to be given to candidates approved by alumni associations or clubs. The award is made for four years, but terminates if the incumbent fails to maintain a grade of scholarship satisfactory to the Faculty or ceases

to be an undergraduate student in Columbia College. By the terms of the bequest the recipient must be in need of assistance, of good physical constitution, in good health at the time of his appointment, and a native of the United States. The scholarship provides for the payment of all fees and the rent of a room in Hartley Hall.

*Harsen.* The income of a fund established by the late Jacob Harsen, M.D., in 1859, for the purpose of "promoting the study of Medical and Surgical Practice," has been made available for the award of five scholarships to students in the College of Physicians and Surgeons, in lieu of the Harsen prizes heretofore awarded. Two of these scholarships may be awarded to students taking the second year in the medical course; two to students in their third year, and one to a student in his fourth year, provided that the aggregate of the stipends of such scholarships shall not exceed the income earned by the fund during the preceding year.

*Harper and Hewitt.* Four scholarships known as the Harper and Hewitt Scholarships endowed, two by the gift of Abraham S. Hewitt, LL.D., of the Class of '42, and two by the bequest of Joseph W. Harper, A.M., of the Class of '48, are open annually for competition to graduates of New York City high schools, on the same basis as the Alumni Competitive Scholarships.

*Hartley.* A scholarship known as the Frank Hartley Scholarship, of a value not to exceed the annual income of the Frank Hartley Scholarship Fund, is awarded annually to a student in the Medical School in accordance with the general regulations of the Medical Faculty governing scholarships.

*Jones.* The Wawepex Society makes annual provision for a scholarship amounting to \$200 and including the use of a table at the biological laboratory at Cold Spring Harbor, L. I. The award is made by the Council upon the recommendation of the Department of Zoology.

*McClymonds.* The Louis K. McClymonds Scholarships (2) of the annual value of \$650, maintained by Mrs. Annie K. McClymonds in memory of her late husband, are open to those candidates for the degree of A.B. who shall have satisfactorily completed the requirements for admission, and who, in the judgment of the Faculty of Columbia College, shall be deemed most deserving of appointment. Preference shall be given to sons of American-born parents who have no other means of providing for their tuition and living expenses during the academic year.

*Moffat.* Two Moffat Scholarships, endowed by William B. Moffat, A.B. '38, M.D. '42, are awarded on the same basis as the Alumni Association Scholarships.

*Pulitzer.* Through the generosity of the late Mr. Joseph Pulitzer, male graduates of the public high schools of the city of New York, not to exceed forty at any time, are awarded scholarships upon competitive examination. Each scholarship so awarded may be held for a period of four years in Columbia College or in any department of the University except the Medical School, Teachers College, and the College of Pharmacy. The scholarship will be withdrawn if at any time the holder fails to maintain a satisfactory standard in his academic work. During his term the scholar receives the sum of \$200 a year over and above the cost of his tuition.

*Religion and Learning.* Eight Scholarships of the Society for Promoting Religion and Learning have been founded, and are awarded on the nomination of this Society.

*Saunders.* The Leslie M. Saunders Scholarship is awarded every four years to a student entering Columbia College. The value of the scholarship is the annual income of the fund of \$16,000, bequeathed to the University by Alexander Saunders. The scholarship is awarded on the nomination of the principal and teachers of the Yonkers, New York, High School, or a majority of them. The scholarship may be held for four years unless an appointment has been definitely made for a shorter term.

*Schermerhorn.* Five Schermerhorn Scholarships, endowed by John Jones Schermerhorn, A.B. '25, are open only to Freshmen in Columbia College. The requirements for

admission must be completed before matriculation. They are awarded on the same basis as the Alumni Association Scholarships.

*Stuart.* Two Stuart Scholarships were established in Columbia College by the gift of Mrs. Cornelia A. Atwill, in memory of her grandsons, Sidney Barcula Stuart, of the Class of '80, and Eugene Talman Stuart, of the Class of '81. They are awarded on the same basis as the Alumni Association Scholarships.

*Vanderbilt.* In recognition of the liberal gifts of William H. Vanderbilt to the College of Physicians and Surgeons, four scholarships, to be known as the William H. Vanderbilt Scholarships, have been established. These are open to students of any class.

*Wheeler.* A scholarship, known as the John Visscher Wheeler Scholarship in memory of John Visscher Wheeler of the Class of '65, of a value not to exceed the annual income of the fund of \$12,000, bequeathed to the University by Mrs. Susan E. Johnson Hudson, is awarded every four years, or oftener, if a vacancy shall occur, to a student entering Columbia College. In awarding this scholarship, preference shall be given to candidates nominated by alumni associations and clubs, and among such candidates to the sons of alumni of Columbia College. The holder of the scholarship shall reside in Hartley Hall. The scholarship shall be held for four years unless sooner vacated by the operation of the general rules governing scholarships.

#### ANNUAL SCHOLARSHIPS

The Treasurer may receive gifts of money for scholarships for one or more years, provided that no such stipend shall be less than the annual tuition fee of the college or of the school in which it is provided.

#### FOREIGN STUDENTS

Beginning with 1910, exemption from the regular tuition fees is granted for a period of ten years to advanced students from Scandinavian universities, not exceeding three students in any one year, who may be nominated by their respective universities and recommended by the American-Scandinavian Society.

Beginning with 1910 exemption from the regular tuition fees is granted for a period of ten years to students from Turkey, not exceeding three students in any one year, who may be nominated by the Turkish Government, and recommended by the American Ambassador at Constantinople.

Beginning with 1912, exemption from tuition fees is granted to duly qualified students from China, not exceeding four in any one year, who may be nominated for the privilege by the Chinese Government.

#### LOAN FUNDS

There are four funds (the Schiff, the Shoemaker, the Payne, the Class of 1879 School of Mines, the Class of 1885, and the Class of 1887 School of Mines Funds) available for short-term loans to needy students, which may be drawn upon by permission of the President.

#### MEDALS AND PRIZES

Essays submitted in competition for any of the following should, unless otherwise indicated, be submitted to the Secretary of the University not later than May 1, in the year of award. The essays should be signed fictitiously and should be accompanied by a sealed envelope containing the author's name and address. The awards are announced at Commencement and, unless otherwise indicated, are annual.

*Alumni Association (Architecture).* The Alumni Association of the School of Architecture offers an annual medal for proficiency in advanced design.



*Alumni Association (College).* A prize of \$50 in money or its equivalent, "to the most faithful and deserving student of the graduating class," was established in 1885 by the Association of the Alumni of Columbia College. The graduating class selects the incumbent from three names submitted to it by the Faculty; or if, ten days prior to Commencement, the class should notify the President of the University of its failure to make a selection, the award may be made by the Faculty.

*Alumni Association (Medicine).* The Alumni Association Prize of \$500 is awarded biennially to an alumnus of the College of Physicians and Surgeons for the best medical essay submitted upon any subject that the writer may select. Essays should be sent to the Secretary of the Alumni Association of the College of Physicians and Surgeons on or before April 1 of the year of award.

*American Institute of Architects.* The American Institute of Architects offers an annual medal to that student of the School of Architecture who has during his course maintained the best general standard in all departments of his work.

*Barnard.* A gold medal of the value of \$200 established by the provisions of the will of President Barnard and endowed by him, known as the Barnard Medal for Meritorious Service to Science, is awarded quinquennially to such person, if any, whether a citizen of the United States or any other country, as shall within five years next preceding have made such discovery in physical or astronomical science or such novel application of science to purposes beneficial to the human race, as in the judgment of the National Academy of Sciences of the United States, shall be esteemed most worthy of such honor.

*Bennett.* A prize established through a gift of \$1,000 from James Gordon Bennett may be awarded by the Faculty of Political Science for the best essay upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. The competition is open to students not holding a baccalaureate degree who pursue courses amounting to six hours a week in the School of Political Science.

*Bunner.* The H. C. Bunner Gold Medal, established by the friends of the late Henry Cuyler Bunner, or its equivalent in cash, is awarded to the candidate for a Columbia degree who shall present the best essay on an assigned subject in American literature. The award will be made by a committee to be appointed by the President.

*Butler.* The Nicholas Murray Butler Medal is awarded in gold at the Commencement of 1915 and each fifth year thereafter, in accordance with such rules and regulations as the Trustees may from time to time establish, for the most distinguished contribution made during the preceding five-year period anywhere in the world to philosophy or to educational theory, practice, or administration. The medal is also awarded in silver or bronze at the Commencement of 1915 and each year thereafter, in accordance with such rules and regulations as the Trustees may from time to time establish, to that graduate of Columbia University in any of its parts who has, during the year preceding, shown the most competence in philosophy or in educational theory, practice, or administration, or who has during that time made the most important contribution to any of these.

*Cartwright.* The Cartwright Prize of \$500 was endowed by a bequest of \$10,000 by Benjamin Cartwright, and is offered for competition in alternate years with the Alumni Association Prize. It is awarded on the same terms as the latter, except that it is open to general competition.

*Chandler Medal.* A gold medal, known as the Chandler Medal, is awarded annually to the person appointed Chandler Lecturer on the Charles Frederick Chandler Foundation established by alumni and former students of Professor Chandler.

*Chanler.* By the bequest of J. Winthrop Chanler, A.B. '47, the income of \$1,000 is awarded annually, at Commencement, to the member of the graduating class of Columbia College who, in the judgment of the Faculty, shall be the author of the best



original manuscript essay on the history of civil government in America, or some other historical subject, to be determined by the Faculty.

*Class of 1889 Medal.* A prize, to be known as the 'Class of 1889 Medal', is awarded to a graduate of the School of Mines, or of any of the Schools of Applied Science, or of the School of Architecture, who shall have distinguished himself in any sphere of human effort. The Jury of Award shall be the President of the University, the President of the Alumni Association of the Schools of Science, the senior Alumni Trustee who is a graduate of the School of Mines, or of one of its allied schools, and a representative of the Class of 1889, appointed by the Class. Presentations of the medal are made at three-year intervals dating from 1914.

*Cock.* A prize, to be known as the Thomas F. Cock, M.D., Prize, consisting of the annual income of the fund of \$1,000 bequeathed by Augusta C. Chapin to the University for the purpose is awarded annually at Commencement, under such regulations as the Faculty of Medicine may from time to time establish, to the student in the College of Physicians and Surgeons who shall submit the best thesis on puerperal fever.

*Convers.* A prize, known as the E. B. Convers Prize, the annual income of the sum of \$1,000, has been established in the School of Law in memory of E. B. Convers, of the Class of '66. This prize is awarded annually to such member of the graduating class in the Law School as may write the best original essay on some legal subject to be chosen from a list of ten subjects prepared each year by the Faculty of Law, or on any other legal subject approved by the Faculty.

*Curtis.* An endowment fund of \$1,000 established by the late Samuel Putnam Avery, an associate of George William Curtis in the work of civil service reform, provides for the award of two medals of gold and silver, or the equivalent in cash, to students in Columbia College for excellence in public delivery of English orations. Competitors must be either third- or fourth-year students in regular standing, or in exceptional cases, and with permission of the Dean, special students taking corresponding courses amounting to not less than twelve hours a week. The Department of English publishes about November 1 a list of subjects for the competition. Subjects not on the list may be chosen with the consent of the department provided that application be made not later than December 1. The contestants will be selected by the department at a preliminary competition which will not be open to the public. The award will be made by judges appointed by the President.

*Darling.* The Edward A. Darling Prize in Mechanical Engineering, the income of \$1,000, bequeathed by Edward A. Darling, formerly Superintendent of Buildings and Grounds, is awarded annually to the most faithful and deserving student of the graduating class in Mechanical Engineering. The recipient of the prize is to be chosen by ballot, by members of the graduating class in the course in Mechanical Engineering, from among three names to be chosen by the Faculty of Applied Science.

*Earle.* A prize of \$50 established in memory of Mortimer Lamson Earle, Instructor in Greek in Barnard College from 1889 to 1895 and from 1898 to 1900, and Professor of Classical Philology from 1900 to 1905, is open for annual competition to all candidates for the degree of Bachelor of Arts. It will be awarded partly on the basis of the regular work of the year in Greek and Latin, partly on the basis of a special examination held in May or June. The special examination will cover specified portions of Greek and Latin literature, sight-reading in Greek and in Latin, and prose composition in Greek and in Latin.

*Einstein.* A prize known as the Einstein prize in American Diplomacy was established by Dr. and Mrs. Charles Waldstein in memory of Mr. and Mrs. D. L. Einstein. The prize is awarded annually at Commencement to that student who having been regularly enrolled in the University as a candidate for a degree for not less than two

academic years shall be deemed by the Department of Public Law to have done the best and most original work in American Diplomacy.

*Elsberg.* A prize to be known as the Albert Marion Elsberg Prize, established by Mrs. Albert Elsberg in memory of her son, Albert Marion Elsberg, of the Class of '05, shall be awarded annually to that student who, having been regularly enrolled in Columbia College as a candidate for a degree for not less than one academic year, shall be recommended by the Department of History for excellence in Modern History. The prize shall consist of a medal and, at the option of the winner, \$50 or books having that value.

*Green.* The Albert Asher Green Memorial Prize of \$50 in gold, established by Mr. and Mrs. Asher Green in memory of their son, a member of the Class of 1914, is awarded annually at Commencement to that member of the Senior Class who, having been for at least three years a student in good standing in Columbia College has, in the judgment of the Faculty, made the best record in scholarship during his undergraduate course.

*Illig.* A bequest of \$2,000 left by William C. Illig, E.M. '82, provides for the annual award of medals at Commencement to the student, or students, in the graduating class of the Schools of Mines, Engineering, and Chemistry who shall, in the judgment of the Faculty, have merited the same by commendable proficiency in their regular studies.

*Loubat.* Joseph F. Loubat has endowed two prizes of \$1,000 and \$400, respectively, for the best works published in the English language upon the history, geography, archæology, ethnology, philology, or numismatics of North America. Competition is open to all persons, whether connected with Columbia University or not, and whether citizens of the United States or of any other country. No treatise shall be eligible for the purposes of the competition except such as relate to the topics involving antiquarian research, or that refer to events prior to 1776. In order to insure consideration of their works, authors are invited to send copies to the President of Columbia University not later than April 1 of the year in which the prize is to be awarded; but the competition will not be restricted to works thus submitted.

*Montgomery.* The Montgomery Prize, the annual income of the sum of \$1,000 given to the University by Mr. Robert H. Montgomery, is awarded annually to the member of the graduating class of the School of Business who has specialized in Accounting and who is deemed by the staff of that School to be most proficient in all courses.

*Ordronaux.* A prize to be known as the Ordronaux Prize in Law is, by vote of the Faculty, awarded annually to the candidate for the degree of Bachelor of Laws of at least one year's standing on the basis of general proficiency in legal study.

*Rolker.* A prize to be known as the Charles M. Rolker, Jr., Prize, to be publicly awarded on Class Day, is provided for by the gift of Mrs. C. M. Rolker in memory of her son, Charles M. Rolker, Jr., of the Class of '07. The income of the fund is to be awarded to the member of the graduating class of Columbia College deemed by his classmates the most worthy of special distinction as an undergraduate student, because of scholarship, participation in student activities, pre-eminence in athletic sports, or in any combination of these.

*Seminary.* The Protestant Episcopal Society for Promoting Religion and Learning in the State of New York have established two prizes, known as the Society's Greek Seminary Prize of \$30, and the Society's English Seminary Prize of \$20, with the stipulation that notice shall be given every year of the conditions of the prizes under the old regulations and applications be invited. Wherever the conditions of the preceding competition show that one or both of the prizes have not been taken for lack of applicants, notice shall at the same time be given of the competition for the prize or prizes thus open under the new regulations set forth each year in the current *Announcement of Columbia College*.

*Smith.* The Smith Prize was established by the relatives, friends, and pupils of Dr. Joseph M. Smith, as a memorial of his services as Professor in the College of Physicians and Surgeons from 1826 to 1866. Under the provisions of the trust an annual prize of \$100 is awarded for the best essay on the subject of the year, presented by an alumnus of the College of Physicians and Surgeons. The competing essays should be sent to the Dean of the College of Physicians and Surgeons on or before March 10.

*Squires.* The Grant Squires Prize, the income for five years of a fund of \$1,000, established by Grant Squires, A.B. '85, LL.B. '87, is awarded at the close of every quinquennial period, to such graduate conducting an original investigation of a sociological character as shall be adjudged most worthy by a Committee of Award, consisting of the President, the Professor of Sociology, and one of the Professors of Political Economy appointed by the Faculty of Political Science. Such award shall be deemed to be a recognition of scientific ability and achievement, as well as an encouragement of research.

*Stevens.* The Stevens Triennial Prize, value \$2,000, established by the late Alexander Hodgdon Stevens, M.D., formerly President of the College of Physicians and Surgeons, is open for universal competition. The Dean of the Medical Faculty, the President of the Alumni Association of the College of Physicians and Surgeons, and the Professor of Physiology are, *ex-officio*, the administrators of the prize. Essays must be in the hands of the first-named on or before January 1 of the year of award.

*Stokes.* A prize of \$40, to be known as the Caroline Phelps Stokes Prize, is awarded annually to that student who, having been regularly enrolled in Columbia College, or Barnard College, or Teachers College as a candidate for an academic degree for not less than one academic year shall be deemed to have written the best essay upon the Rights of Man as the committee of selection shall determine.

*Toppan.* A prize known as the Robert Noxon Toppan Prize, the income of an endowment of \$4,000, in memory of Robert Noxon Toppan, LL.B. '61, is awarded annually to the member of the School of Law or of Political Science who shall pass the best written examination upon a paper prepared by the Professor of Constitutional Law.

*Van Amringe.* A prize known as the Professor Van Amringe Mathematical Prize was established by George G. Dewitt of the Class of '67 by a gift of \$5,000. The annual income of the fund is awarded at Commencement to that student who, having been regularly enrolled in Columbia College as a candidate for an academic degree for not less than one academic year and a half, and not more than two academic years, shall be deemed most proficient in the mathematical subjects designated during the year of award for Freshmen and Sophomores in Columbia College. The examinations for the prize shall be held annually under the direction of the Department of Mathematics.

*Van Buren.* A prize known as the John Dash Van Buren, Jr., Prize in Mathematics was established by Mrs. Louis T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., a member of the Class of '05. The annual income of \$5,000 is awarded to the candidate for an academic degree who passes the best examination in analytical geometry, differential and integral calculus, and in such additional subjects as the Department of Mathematics may prescribe.

## FELLOWS AND SCHOLARS

### ADAMS RESEARCH FELLOWS

|           |                         |           |                    |
|-----------|-------------------------|-----------|--------------------|
| 1905-1907 | ERNEST FOX NICHOLS      | 1911-1914 | ROBERT W. WOOD     |
| 1907-1909 | BERGEN DAVIS            | 1914-1915 | S. ALFRED MITCHELL |
| 1909-1911 | CLARK WELLS CHAMBERLAIN | 1915-1916 | S. ALFRED MITCHELL |
|           |                         | 1916-1917 | RAYMOND DODGE      |

### BARNARD FELLOWS

|           |                         |           |                     |
|-----------|-------------------------|-----------|---------------------|
| 1894-1896 | WILLIAM LISPENARD ROBB  | 1908-1911 | CLEMENT S. BRAININ  |
| 1897-1900 | HEINRICH RIES           | 1911-1912 | GEORGE ADDISON BOLE |
| 1900-1903 | JOHN ALEXANDER MATHEWS  | 1912-1913 | EDWARD SCHRAMM      |
| 1903-1905 | WILLIAM CAMPBELL        | 1913-1914 | BENJAMIN LIEBOWITZ  |
| 1905-1907 | CLARENCE WHITNEY KANOLT | 1914-1915 | GUSTAV EGLOFF       |
| 1907-1908 | HAROLD WORTHINGTON WEBB | 1915-1916 | MARY AMERMAN GRIGGS |

### CLASS OF '70 FELLOW

1897 LEWIS BUFFETT CARLL

### CURTIS FELLOWS

|           |                        |           |                            |
|-----------|------------------------|-----------|----------------------------|
| 1901-1902 | JAMES WILFORD GARNER   | 1910-1911 | SYDNEY D. MOORE HUDSON     |
| 1902-1904 | CHARLES AUSTIN BEARD   | 1911-1912 | SAMUEL MACK EASTMAN        |
| 1904-1906 | CHARLES GROVE HAINES   | 1913-1914 | ROBERT EUGENE CUSHMAN      |
| 1907-1908 | EDWARD MCCHESENEY SAIT | 1914-1915 | SPENCER MILLER, JR.        |
| 1908-1909 | BLAINE FREE MOORE      | 1916-1917 | FRANCIS STUART FITZPATRICK |
|           |                        | 1917-1918 | FREDERICK NEWTON EDWARDS   |

### CUTTING TRAVELLING FELLOWS

|                          |                       |
|--------------------------|-----------------------|
| CARLYLE REGINALD BARNETT | CLARENCE GEORGE STONE |
| LELAND HAMILTON JENKS    | SHUTARO TOMIMAS       |

### DRISLER FELLOWS

|           |                        |           |                           |
|-----------|------------------------|-----------|---------------------------|
| 1894-1896 | JOHN KASSON LATHROP    | 1906-1908 | CHARLES JONES OGDEN       |
| 1896-1897 | GEORGE N. OLCOTT       | 1908-1910 | HUBERT MCNEILL POTEAT     |
| 1897-1898 | WILLIAM T. F. TAMBLYN  | 1910-1911 | IRVING COMES DEMAREST     |
| 1898-1899 | CORLISS FITZ RANDOLPH  | 1911-1913 | RHYS CARPENTER            |
| 1899-1900 | EDWARD CHARLES HARWOOD | 1913-1914 | CLARENCE AUGUSTUS MANNING |
| 1900-1901 | BERT HODGE HILL        | 1914-1915 | FRANK MICHAEL DEBATIN     |
| 1902-1903 | HARWOOD HOADLEY        | 1915-1916 | HARRIET EMMA MCKEE        |
| 1903-1904 | WALTER WHIPPLE ARNOLD  | 1916-1917 | EMMA ADELAIDE HAHN        |
| 1905-1906 | MACON ANDERSON LEIPER  | 1917-1918 | LEWIS LAZARUS SELL        |
|           |                        | 1918-1919 | ERNESTINE PHELPS FRANKLIN |

### EMMONS MEMORIAL FELLOWS

|           |             |           |                   |
|-----------|-------------|-----------|-------------------|
| 1915-1916 | MAX ROESLER | 1917-1918 | HENRY RAY ALDRICH |
|-----------|-------------|-----------|-------------------|

### GARTH FELLOWS

|           |                     |           |                      |
|-----------|---------------------|-----------|----------------------|
| 1905-1906 | MAYER JACOBSTEIN    | 1907-1908 | LOUIS DWIGHT HARWELL |
| 1906-1907 | JAMES HENRY GILBERT |           | WELD                 |



|           |                                |           |                         |
|-----------|--------------------------------|-----------|-------------------------|
| 1908-1909 | SOLOMON VINEBERG               | 1912-1913 | PRABHAKER S. SHILOTRI   |
| 1909-1910 | EDWARD HENRY LEWINSKI          | 1913-1914 | EDWIN CLYDE ROBBINS     |
| 1910-1911 | BENJAMIN MCALESTER<br>ANDERSON | 1914-1915 | ROBERT JAMES MCFALL     |
| 1910-1911 | FRANK HATCH STREIGHTOFF        | 1915-1916 | MABEL NEWCOMER          |
| 1911-1912 | ROBERT MURRAY HAIG             | 1916-1917 | FREDERICK CECIL MILLS   |
|           |                                | 1917-1918 | PHILIP SARGANT FLORENCE |

## GILDER FELLOWS

|           |                                                                          |           |                                                                          |
|-----------|--------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------|
| 1911-1912 | WILLIAM SHEPHERDSON                                                      | 1915-1916 | LEYTON EDWIN CARTER                                                      |
| 1912-1913 | ARNOLD JOHNSON LIEN<br>LYMAN B. VEEDER                                   |           | RUSSELL GORDON SMITH<br>DONALD REED TAFT                                 |
| 1913-1914 | RANDOLPH SILLIMAN BOURNE<br>FRANK ALEXANDER ROSS<br>PAUL WILLARD GARRETT | 1916-1917 | LUTHER HALSEY GULICK<br>FREDERICK WILLIAM JONES<br>CLARENCE HEER KAISER  |
| 1914-1915 | PARKER LEROY MOON<br>FRED WILLIAM ECKERT<br>FRANK ALEXANDER ROSS         | 1917-1918 | ALFRED BENJAMIN BUTTS<br>MARTIN HERBERT DODGE<br>ROCKWELL CRESAP JOURNEY |
|           |                                                                          | 1918-1919 | HILDEGARDE KNEELAND<br>STEPHEN JEFFERSON PATTEN                          |

## GOLDSCHMIDT FELLOWS

|           |                        |           |                        |
|-----------|------------------------|-----------|------------------------|
| 1909-1910 | EDWARD CALVIN KENDALL  | 1914-1915 | CLIVE MORRIS ALEXANDER |
| 1910-1911 | ALMER McDUFFIE MCAFEE  | 1915-1916 | GEORGE SCATCHARD       |
| 1911-1912 | HAROLD EDWARD WOODWARD | 1916-1917 | JACOB EHRLICH          |
| 1912-1913 | JOHN SEAMAN BATES      | 1917-1918 | JOSEPH GEORGE DAVIDSON |
| 1913-1914 | CLARKE EDWIN DAVIS     | 1918-1919 | MARY LOUISE LONDON     |

## GOTTSBERGER FELLOWS

|           |                               |                       |                       |
|-----------|-------------------------------|-----------------------|-----------------------|
| 1905-1906 | GEORGE CHRISTIAN OTTO<br>HAAS | 1911-1912             | FREMONT AMAZA HIGGINS |
| 1907-1908 | MAYER JACOBSTEIN              | 1913-1914             | FREMONT AMAZA HIGGINS |
| 1909-1910 | RALPH WATSON DOX              | 1915-1916             | ALEXANDER WEINSTEIN   |
| 1910-1911 | WILLIAM STUART MESSER         | 1919 (Spring Session) | MORRIS A. RAINES      |

## MITCHELL FELLOWS

|           |                          |           |                      |
|-----------|--------------------------|-----------|----------------------|
| 1908-1910 | IRVING COMES DEMAREST    | 1914-1915 | CLINTON MINDIL PANG  |
| 1910-1911 | MAURICE PICARD           | 1915-1916 | HERBERT W. SCHNEIDER |
| 1911-1912 | LESTER SAUNDERS HILL     | 1916-1917 | IRWIN EDMAN          |
| 1912-1913 | RANDOLPH SILLIMAN BOURNE | 1917-1918 | ERNEST BRENNECKE     |
| 1913-1914 | PARKER LEROY MOON        | 1918-1919 | JOHN HERMAN RANDALL  |

## MOSENTHAL FELLOWS

|           |                     |           |                      |
|-----------|---------------------|-----------|----------------------|
| 1899-1901 | MARY ANGELA DILLER  | 1908-1909 | FRANZ BELLINGER      |
| 1902-1904 | FRANK EDWIN WARD    | 1910-1911 | EDWARD BETTS MANNING |
| 1904-1905 | BENJAMIN LAMBORD    | 1912-1913 | EDWARD KILENYI       |
| 1906-1907 | WILLIAM JACOB KRAFT | 1914-1915 | MEYER SILVER         |
|           |                     | 1916-1917 | ABRAHAM WOLF BINDER  |

## PROUDFIT FELLOWS IN LETTERS

|           |                               |           |                           |
|-----------|-------------------------------|-----------|---------------------------|
| 1900-1903 | JOHN ERSKINE                  | 1912-1913 | ELBRIDGE COLBY            |
| 1903-1905 | STANLEY KIDDER WILSON         | 1913-1914 | ARCHIE AUSTIN COATES      |
| 1906-1907 | CHARLES FRANCIS LAWSON        | 1915-1916 | ELBRIDGE COLBY            |
| 1907-1910 | ERNEST HUNTER WRIGHT          | 1917-1918 | WM. SKINKLE KNICKERBOCKER |
| 1910-1911 | GEDDES SMITH                  | 1918-1919 | LOUIS BLISS GILLET        |
| 1911-1912 | NELSON BURROUGHS GILDERSLEEVE |           |                           |

## SCHIFF FELLOWS

|           |                          |           |                          |
|-----------|--------------------------|-----------|--------------------------|
| 1898-1900 | WILLIAM HENRY FRY        | 1909-1910 | CHARLES ELMER GEHLKE     |
| 1900-1901 | WALTER PERCY BORDWELL    | 1910-1911 | BENJAMIN BURKS KENDRICK  |
| 1901-1902 | ULRICH BONNELL PHILLIPS  | 1911-1912 | HENRY ELMER HOAGLAND     |
| 1902-1903 | GEORGE CHARLES SELDEN    | 1912-1913 | RAYMOND ROBERT AMMARELL  |
| 1903-1904 | PRESERVED SMITH          | 1913-1914 | DONALD SKEELE TUCKER     |
| 1904-1905 | NORRIS ARTHUR BRISCO     | 1914-1915 | HAROLD WARREN CRANDALL   |
| 1905-1906 | CHARLES RAMSDELL LINGLEY | 1915-1916 | RAYMOND CASPAR BENDER    |
| 1906-1907 | SAMUEL G. NISSENSON      | 1916-1917 | LELAND HAMILTON JENKS    |
| 1907-1908 | CARL F. L. HUTH          | 1917-1918 | WILLIAM CHARLES SCHLUTER |
| 1908-1909 | LEONARD SCOTT BLAKEY     | 1918-1919 | DORA NEILL RAYMOND       |

## CARL SCHURZ FELLOWS

|           |                                |           |                       |
|-----------|--------------------------------|-----------|-----------------------|
| 1902-1903 | JOHN LOUIS KIND                | 1909-1910 | HENRY JOHN SKIPP      |
| 1904-1905 | ALLEN WILSON PORTERFIELD       | 1910-1911 | WILL CARSON RYAN, JR. |
| 1906-1907 | HENRY HERMANN LOUIS<br>SCHULZE | 1912-1913 | DAVID PERCY GILMORE   |
| 1908-1909 | PERCY GAINES CRAIG             | 1914-1915 | OTTO EMIL PLATH       |
|           |                                | 1916-1917 | OTTO PAUL SCHINNERER  |

## TYNDALL FELLOWS

|           |                         |           |                         |
|-----------|-------------------------|-----------|-------------------------|
| 1891-1892 | WILLIAM H. FREEDMAN     | 1907-1908 | GEORGE B. PEGRAM        |
| 1892-1893 | CHARLES R. MANN         | 1908-1909 | HAROLD WORTHINGTON WEBB |
| 1894-1895 | CHARLES R. MANN         | 1909-1911 | HENRY HOWARD MARVIN     |
| 1895-1897 | WALTER WHEELER COOK     | 1911-1912 | ANDREW WARREN JACKSON   |
| 1898-1901 | ROBERT BOWIE OWENS      | 1912-1913 | WILLIAM STOCKTON NELMS  |
| 1901-1903 | BERGEN DAVIS            | 1912-1913 | BENJAMIN LIEBOWITZ      |
| 1903-1904 | FRANK LEO TUFTS         | 1914-1915 | WINTHROP ROBINS WRIGHT  |
| 1904-1907 | FREDERIC COLUMBUS BLAKE | 1916-1918 | BENJAMIN ALLEN WOOTEN   |

## UNIVERSITY FELLOWS

(No University Fellows were appointed for 1918-1919.)

## SPECIAL FELLOWS

## ADVERTISING RESEARCH FELLOW

1912-1914 E. K. STRONG

## FELLOW IN ARCHÆOLOGY AND ETHNOLOGY

1913-1914 PAUL RADIN

## INDUSTRIAL RESEARCH FELLOW IN CHEMISTRY

1911-1914 CARL HANER

## INDUSTRIAL RESEARCH FELLOW IN CHEMICAL ENGINEERING

1916-1917 FRED B. ARENTZ

## NEW YORK DIOCESAN BOARD OF RELIGIOUS EDUCATION FELLOWSHIP

CHARLES WEST MANZER

## SPECIAL FELLOWSHIP IN PHILOSOPHY

1916-1917 HAROLD KING CHADWICK

## SPECIAL ERNEST KEMPTON ADAMS RESEARCH FELLOW

1916-1917 S. ALFRED MITCHELL

## UNIVERSITY SCHOLARS

(No University Scholars were appointed for the year 1918-1919.)

PRESIDENT'S UNIVERSITY SCHOLARS

(No President's University Scholars were appointed for the year 1918-1919.)

BUTLER SCHOLARS

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| 1904-1907 OTHO LEE MONROE         | 1914-1915 ROBERT JENNINGS RIGGS   |
| 1907-1909 JOHN SHERMAN ROBINSON   | 1915-1916 BENJAMIN FRANKLIN YOUNG |
| 1909-1910 HOWARD DWIGHT SMITH     | 1915-1917 HOWARD DUNHAM BARLOW    |
| 1910-1911 GEORGE DENTON BEAL      | 1917-1918 GEORGE NORBERT KATES    |
| 1911-1914 GEO. GIVEN HOLLINGSHEAD |                                   |

CURTIS UNIVERSITY SCHOLARS

(No Curtis University Scholars were appointed for the year 1918-1919.)

JONES SCHOLARS

|                                    |                                     |
|------------------------------------|-------------------------------------|
| 1898-1899 FRANCIS BERTODY SUMNER   | 1908-1909 DAVID DAY WHITNEY         |
| 1899-1900 JOHN CUTLER TORREY       | 1909-1911 AARON FRANKLIN SHULL, Jr. |
| 1900-1901 FREDERICK CLARK PUALMIER | 1911-1912 ALFRED HENRY STURTEVANT   |
| 1901-1902 WILLIAM E. KELLICOTT     | 1912-1913 JAMES P. KELLY            |
| 1902-1903 CHARLES ZELNY            | 1913-1914 CHARLES WILLIAM METZ      |
| 1903-1904 LOUIS I. DUBLIN          | 1914-1915 CALVIN BLACKMAN BRIDGES   |
| 1904-1905 CHARLES RUPERT STOCKARD  | 1915-1916 ALBERT MARION BROWN       |
| 1905-1906 JOHN HOWARD MCGREGOR     | 1916-1917 JOHN WHITEMORE GOWEN      |
| 1906-1907 DAVID DAY WHITNEY        | 1917-1918 MEYER CASPAR FOLKOFF      |
| 1907-1908 CHARLES V. MORRILL       | 1918-1919 GRACE P. HAYS             |

SCANDINAVIAN SCHOLARS

|                            |              |
|----------------------------|--------------|
| 1915-1916 TORSTEN INGELOFF | PAUL LINDHOL |
|----------------------------|--------------|

COLUMBIA COLLEGE

ALUMNI ASSOCIATION SCHOLARS

|                       |                   |
|-----------------------|-------------------|
| 1918 J. BLASENSTEIN   | 1920 ISRAEL KORAL |
| 1919 SAMUEL ROSENFELD | 1921 R. MEISELS   |

HARPER SCHOLARS

|                     |                 |
|---------------------|-----------------|
| 1920 SOLOMON CAPLAN | 1921 J. M. FELD |
|---------------------|-----------------|

HEWITT SCHOLAR

|                  |
|------------------|
| 1919 N. B. COHEN |
|------------------|

BROOKLYN SCHOLARS

|                        |                       |
|------------------------|-----------------------|
| 1918 J. FIERSTEIN      | 1920 GEORGE ROSENBAUM |
| 1918 BENJAMIN JOACHIM  | 1921 R. MEISELS       |
| 1918 BENJAMIN GINZBURG | 1921 R. M. ROSS       |
| 1920 E. M. FADIMAN     | 1921 J. M. FEIN       |

MCCLYMONDS SCHOLARS

|                 |                 |
|-----------------|-----------------|
| 1918 L. W. POST | 1918 L. T. WORK |
|-----------------|-----------------|

WHEELER SCHOLAR

|                  |
|------------------|
| 1921 J. H. COWIE |
|------------------|

GEORGE HENRY HALL SCHOLAR

|                   |
|-------------------|
| 1921 P. H. NELSON |
|-------------------|

LESTER M. SAUNDERS SCHOLAR

|                    |
|--------------------|
| 1921 H. B. NICHOLS |
|--------------------|

## SCHOOL OF MEDICINE

## COOLIDGE FELLOWS

|                                    |                                                     |
|------------------------------------|-----------------------------------------------------|
| 1915-1916 FRANCIS R. RACKENMANN    | 1916-1918 DANA W. ATCHLEY                           |
| 1915-1917 JOHN PUNNETT PETERS, Jr. | 1918-1919 LEE HOLLISTER FERGUSON<br>DANA W. ATCHLEY |

## PROUDFIT FELLOWS

|                                 |                             |
|---------------------------------|-----------------------------|
| 1904-1906 LINSLEY RUDD WILLIAMS | 1915-1916 RALPH A. KINSELLA |
| 1908-1912 EDWARDS A. PARK       | 1916-1917 RALPH A. KINSELLA |
| 1912-1915 RUSSEL L. CECIL       |                             |

## ALONZO CLARK SCHOLARS

|                             |                             |
|-----------------------------|-----------------------------|
| 1914-1915 J. HOWARD MUELLER | 1915-1916 J. HOWARD MUELLER |
|-----------------------------|-----------------------------|

## SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

## DALY SCHOLARS

|                               |                                 |
|-------------------------------|---------------------------------|
| 1904-1908 HENRY FARMER DAVIS  | 1908-1911 CORNELIUS G. SULLIVAN |
| 1911-1915 FREDERICK S. WRIGHT | 1915-1918 MILLARD F. NESBIT     |

## TROWERIDGE FELLOWS

|                             |                              |
|-----------------------------|------------------------------|
| 1914-1915 HENRY W. ELSASSER | 1915-1916 CHARLES W. DRURY   |
|                             | 1916-1917 EDWIN H. ARMSTRONG |

## BRIDGHAM FELLOW

|                              |
|------------------------------|
| 1915-1916 FREDERICK H. CLARK |
|------------------------------|

## SCHOOL OF ARCHITECTURE

## COLUMBIA FELLOWS

|                                 |                                   |
|---------------------------------|-----------------------------------|
| 1890-1891 ARTHUR S. STOUGHTON   | 1905-1906 THOMAS WILLIAM LUDLOW   |
| 1892-1893 HORACE B. MANN        | 1906-1907 EMILIO LEVY             |
| 1894-1895 SETH JUSTIN TEMPLE    | 1907-1908 No award                |
| 1896-1897 WILLIAM KINNE FELLOWS | 1908-1909 EDWARD JOHN STORK       |
| 1898-1899 WILLIAM CLARK AYERS   | 1909-1910 WM. LAWRENCE BOTTOMLEY  |
| 1900-1901 THEODORE BLONDEL, Jr. | 1910-1911 GERARD PITT             |
| 1902-1903 ARTHUR WARM           | 1911-1912 WILBUR NICHOLS ALBERTON |
| 1904-1905 HUBERT VAN WAGENEN    | 1912-1913 No award                |
|                                 | 1915-1916 EDWIN JEROME ROBIN      |

## MCKIM FELLOWS

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| 1891-1892 A. C. M. DEL MONTE      | 1905-1907 LUCIEN EASTER SMITH                  |
| ALEXANDER M. WELCH                | 1907-1909 WM. LAWRENCE BOTTOMLEY               |
| 1893-1895 GEO. OAKLEY TOTTEN, Jr. | 1909-1910 CHARLES THEODORE EMILIE<br>DIETERLEN |
| WM. LINCOLN THORNE                |                                                |
| 1895-1898 JOHN RUSSELL POPE       | 1911-1912 WILLIAM C. FRANCIS                   |
| 1897-1898 HARRY ALLAN JACOBS      | 1912-1913 WILLIAM C. FRANCIS                   |
| 1899-1900 F. LIVINGSTON PELL      | 1913-1914 ERICH GUGLER                         |
| WM. EDWARD PARSONS                | 1914-1915 ERICH GUGLER                         |
| 1901-1902 CHARLES LUDWIG OTTO     | 1915-1916 No award                             |
| EDWARD NECARSULMER                | 1916-1917 JOE HUNTER McDONNELL                 |
| 1903-1904 FRANCIS AUGUSTUS NELSON |                                                |
| GEORGE WASHINGTON JACOBY          |                                                |



## PERKINS FELLOWS

|                                 |                           |
|---------------------------------|---------------------------|
| 1902-1903 CHARLES SUMNER KAISER | 1910-1911 H. DWIGHT SMITH |
| 1906-1907 ARTHUR LOBO           | 1914-1915 PAUL SCHULZ     |

## BARNARD COLLEGE

*Brooklyn Scholarships:*

|                                                 |                          |                           |
|-------------------------------------------------|--------------------------|---------------------------|
| SYLVIA KOPALD                                   | KATHERINE CORA THIRLWALL | GLADYS GARDINER VAN BRUNT |
| <i>Lucille Pulitzer Residence Scholarships:</i> |                          |                           |
| JANE KERR CHASE                                 | FRANCES CLARA COCKE      | KATHARINE RUSSELL BASSLER |
| EFFIE CHRISTINE ROSS                            | FRANCES DANIEL RULE      | LOIS HASSELTINE CLARK     |
|                                                 |                          | LOUISE QUADE RISSLAND     |

*Lucille Pulitzer New York City Scholarships:*

|                                                                                  |               |                            |
|----------------------------------------------------------------------------------|---------------|----------------------------|
| LÉONIE FULLER ADAMS                                                              | HARRIET KEEHN | ISABEL ELIZABETH RATHBORNE |
| <i>Lucille Pulitzer Competitive Freshman Scholarship:</i> ISABEL WHITCOMB STRANG |               |                            |

*Lucille Pulitzer Tuition Scholarships:*

|                                                                                   |                         |
|-----------------------------------------------------------------------------------|-------------------------|
| ALINE MARTHA LEDING                                                               | EDNA CATHERINE NEUVILLE |
| <i>Jessie Kaufman Scholarship:</i> SATENIG MARY HARPOOTLIAN                       |                         |
| <i>Martha T. Fiske Scholarship:</i> ERICA WEARY                                   |                         |
| <i>Eleanora Kinnicutt Scholarship:</i> GERTRUDE SCHOEDLER                         |                         |
| <i>Emma A. Tillotson Scholarship:</i> EMILY MAY DOWLING                           |                         |
| <i>William Moir Scholarships:</i>                                                 |                         |
| MARGARET GOOD MYERS                                                               | VIVIAN TAPPAN           |
| <i>Caroline Duror Memorial Graduate Fellowship:</i> HARRIET WILLIAMS VAN NOSTRAND |                         |

## DEPARTMENTAL HONORS

*Botany:* DOROTHY KECK, *Third Year**English:*

|                                      |                          |
|--------------------------------------|--------------------------|
| MARY FOSTER BARBER                   | MARION FRANCES MCCAFFREY |
| MARGARET SCHLAUCH, <i>Third Year</i> |                          |

*French:*

|                   |                                               |
|-------------------|-----------------------------------------------|
| CATHERINE ACCURSO | MARGARET ELIZABETH SAYFORD, <i>Third Year</i> |
|-------------------|-----------------------------------------------|

*Geology:* HARRIET WILLIAMS VAN NOSTRAND, *Third Year**German:*

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| SOPHIA MCKINLEY AMSON, <i>Final</i> | HEDWIG KOENIG, <i>Second Year</i> |
|-------------------------------------|-----------------------------------|

*History:* CHARLOTTE REDMOND BURNS, *Third Year**Mathematics:*

|                                  |                                  |
|----------------------------------|----------------------------------|
| JOYCE BUCKBEE, <i>Third Year</i> | ELSA BRANDON GRIMM, <i>Final</i> |
|----------------------------------|----------------------------------|

*Spanish:*

|                   |                                               |
|-------------------|-----------------------------------------------|
| CATHERINE ACCURSO | MARGARET ELIZABETH SAYFORD, <i>First Year</i> |
|-------------------|-----------------------------------------------|

*Zoology:*

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| ELIZABETH MARY HOFFMAN, <i>Third Year</i> | ETHEL ALVA MOTT, <i>Second Year</i> |
|-------------------------------------------|-------------------------------------|

## TEACHERS COLLEGE

*Teachers College Fellows:*

|                    |                      |
|--------------------|----------------------|
| HUBER WILLIAM HURT | FRANK CHARLES TOUTON |
|--------------------|----------------------|

*Girl Scout Fellow:* ANNA J. COUTTS*Graduate Research Scholars:*

|                      |                   |                      |
|----------------------|-------------------|----------------------|
| MARY AUGUSTA CLARK   | JOHN J. DIDCOCT   | DAVID H. MOSKOWITZ   |
| JAMES WILLIAM NORMAN | SMILEY M. WHINERY | LESTER MCLEAN WILSON |

*Graduate Scholars:*

|                    |                              |                    |
|--------------------|------------------------------|--------------------|
| GRACE M. CURRIER   | ADELAIDE BALLENTINE FAIRBANK |                    |
| ROBERT M. REINHOLD | FOREST TOBIAS SELBY          | FREDERICK N. SMITH |

*Tileston Scholar:* MARGARET JACOT QUILLIARD*Pond Scholar:* AROUS HOVANES AZADIAN*Hoadley Scholar:* BLANCHE JENNINGS THOMPSON*Runyan Scholar:* ILIEN J. TANG*Hoe Scholar:* JANE ELIZABETH JOSLIN*Helen Hartley Jenkins Scholar:* HELEN M. ZURAWSKI*Army and Navy Scholar:* DONNA MARGARET DREW• *Caroline Scholars:*

|                      |              |
|----------------------|--------------|
| FRANCES MAUD McNALLY | MARIE SAYLES |
|----------------------|--------------|

*Scholars in Practical Arts:*

|                         |                      |                       |
|-------------------------|----------------------|-----------------------|
| ADELAIDE L. CARLOCK     | LYDIA CLARK          | FRANCES MINER DOWD    |
| SARAH LOUISE LEWIS      | BEULAH JUDITH MARKER | MARY NOBLE            |
| DOROTHY NORTH           | EDITH ESTELLE SWAN   | HELEN CURTIS TOWNSEND |
| FRANCES ELIZABETH WATTS |                      |                       |

*Livingston Scholars:*

|                        |                  |                      |
|------------------------|------------------|----------------------|
| MARY FRANCES CARPENTER | LOWRY DAVIS      | CATHARINE E. JACKSON |
| MARY G. KESLER         | WILLIAM J. McKEE | MINNIE VAUTRIN       |

*Foreign Scholars:*

|                   |                      |                |
|-------------------|----------------------|----------------|
| S. ARASON         | Y. H. BASMAJIAN      | AROOS BENNEYAN |
| WATHA CHUNG       | AI HOSHINO           | KIKU ISHIHARA  |
| RHODA E. KONG     | ZAROOHI D. MESROBIAN | TAKEO MINAMI   |
| LUIS A. TIRAPEQUI | CHOMING TSAI         | TOMI WADA      |

## PRIZES

*United Daughters of the Confederacy Prize:* THOMAS J. LOVELY

## COLLEGE OF PHARMACY

*Seabury Scholarship:* LOUIS R. HYMAN

## AWARD OF MEDALS

*Alumni Association of the School of Architecture Medal:* JOSEPH HUDNUT*American Institute of Architects Medal:* WALTER FEASEL WILSON*Barnard Medal:* Professor LAWRENCE BRAGG

1895 LORD RALEIGH and Professor WILLIAM RAMSAY

1900 Professor WILHELM CONRAD VON RÖNTGEN

1905 Professor HENRY BECQUEREL

1910 Professor ERNEST RUTHERFORD

1915 Professor WILLIAM HENRY BRAGG

*Bunner Medal:* THEODORE SILBERBLATT*Buller Medals:* (Silver Medal) ROBERT SESSIONS WOODWORTH*Curtis Medals:* JOSEPH L. FREEDMAN EDWARD J. SCHOENBROD*Jenny A Gerard Gold Medal:* JOSEPHINE MASON POWELL*Illig Medals:* WENDELL G. FOGG*Kappa Psi Gold Medal:* HENRY C. F. ARNOLD

## AWARD OF PRIZES

*Association of the Alumni of Columbia College:* CASPER CHARLES LATOUR*Breitenbach Prize:* HENRY C. F. ARNOLD*Chanler Prize:* CASPER CHARLES LATOUR

*Earle Prize in Classics:* EUGENE JOHN STRITTMATTER

*Einstein Prize:* SHUTARO TOMIMAS

*Elsberg Prize:* ISIDOR GINSBURG

*Green Prize:* JOHN HERMAN RANDALL, Jr.

*Hermann Botanical Prize:* ELIZABETH MARY HOFFMAN

*Kohn Mathematical Prize:* ELSA BRANDON GRIMM

*Loubat Prizes:*

*Award of 1893:* First Prize, 'History of the United States of America during the Administration of Jefferson and Madison', by HENRY ADAMS

Second Prize, 'Report of Investigation among the Indians of the Southwestern States', by A. F. BANDELIER

*Award of 1898:* First Prize, 'Stone Implements of the Potomac-Chesapeake Tide-water Province', by WILLIAM HENRY HOLMES

Second Prize, 'The Social Organization and the Secret Societies of the Kwakiutl Indians', by FRANZ BOAS, Ph.D.

*Award of 1908:* First Prize, 'The American Colonies in the Seventeenth Century', by HERBERT LEVI OSGOOD, Ph.D., LL.D.

Second Prize, 'The History of the Society of Jesus in North America', by Rev. THOMAS ALOYSIUS HUGHES, S.J.

*Award of 1913:* First Prize, 'The Old British Colonial System', by GEORGE LOUIS BEER, A.M.

Second Prize, 'The Indian Tribes of the Lower Mississippi Valley', by JOHN REED SWARTON, Ph.D.

*Award of 1918:* First Prize, 'The Mississippi Valley in British Politics: A study of the trade, land speculation, and experiments in imperialism culminating in the American Revolution', by CLARENCE WALWORTH ALVORD, Ph.D.

Second Prize, 'José de Gálvez, Visitor-general of New Spain, 1765-1771', by HERBERT INGRAM PRIESTLY, Ph.D.

*Montgomery Prize:* NINA MARY R. MILLER

*Ordronaux Prize:* GEORGE ERNST

*Philolexian Prizes:*

*Essay:* First Prize, JOHN HERMAN RANDALL, Jr.

Second Prize, HORACE LELAND FRIESS

*Poetry:* First Prize, FREDERICK ROCKWELL SANBORN

Second Prize, WILLIAM ROBERT ANDERSON, Jr.

*Poetry Society Prize:* SARA TEASDALE

*Pulitzer Prizes:*

*Journalism,* MINNA LEWISON and HENRY BEETLE HOUGH; *Louisville Courier-Journal*; HAROLD A. LITLEDAL; *The New York Times* (Medal)

*History,* JAMES FORD RHODES

*Biography,* WILLIAM CABELL BRUCE

*Letters,* 'His Family', by ERNEST POOLE; 'Why Marry', by JESSE LYNCH WILLIAMS

*Reed Prize:* MARY JOSEPHINE BENEDICT

*Rolker Prize:* ISIDOR THEODORE ROSEN

*Speranza Prize in Italian:* CONCETTINA JEANETTE SCANCARELLO

*Tallock Prize:* LEONIE FULLER ADAMS

*Toppán Prize:* FRANCIS B. GOERTNER

EMANUEL SCHOENZEIT

*Van Amringe Prize:* ISRAEL KORAL

*Van Wahl Prize:* MARY ROSE MILLIE GRIFFITHS

## EXCHANGE PROFESSORS

### THEODORE ROOSEVELT PROFESSORS

- 1906-1907 JOHN WILLIAM BURGESS, Ph.D., LL.D., Jur.D., *Ruggles Professor of Political Science and Constitutional Law.*  
 1907-1908 ARTHUR TWINING HADLEY, Ph.D., LL.D., *President of Yale University.*  
 1908-1909 FELIX ADLER, Ph.D., *Professor of Social and Political Ethics in Columbia University.*  
 1909-1910 BENJAMIN IDE WHEELER, Ph.D., LL.D., *President of the University of California.*  
 1910-1911 CHARLES ALPHONSO SMITH, Ph.D., *Edgar Allan Poe Professor of English in the University of Virginia.*  
 1911-1912 PAUL S. REINSCH, Ph.D., *Professor of Political Science in the University of Wisconsin.*  
 1912-1913 WILLIAM M. SLOANE, L.H.D., LL.D., *Seth Low Professor of History in Columbia University.*  
 1913-1914 PAUL SHOREY, Ph.D., *Professor of Greek in the University of Chicago.*  
 1914-1915 HENRY W. FARNAM, A.M., R.P.D., *Professor of Economics in Yale University.*<sup>1</sup>  
 1915-1916 THOMAS C. HALL, D.D., *Professor of Christian Ethics in the Union Theological Seminary.*<sup>2</sup>

### VISITING PROFESSORS IN AUSTRIA

- 1913-1914 GEORGE S. FULLERTON, Ph.D., *Professor of Philosophy in Columbia University.*  
 1914-1915 JOHN WILLIAM BURGESS, Ph.D., LL.D., Jur.D., *Ruggles Professor of Political Science and Constitutional Law.*<sup>1</sup>

### VISITING PROFESSOR UNIVERSITY OF PARIS

- 1913-1914 } WILLIAM D. GUTHRIE, A.M., *Ruggles Professor of Constitutional Law in*  
 1914-1915 } *Columbia University.*

### KAISER WILHELM PROFESSORS

- 1906-1907 HERMANN SCHUMACHER, Jur.D., *Professor of Political Economy in the University of Bonn.*  
 1907-1908 K. G. RUDOLF LEONHARD, J.U.D., *Professor of Legal Science in the University of Breslau.*  
 1908-1909 ALBRECHT F. K. PENCK, Ph.D., Sc.D., *Professor of Geography in the University of Berlin.*  
 1909-1910 CARL RUNGE, Ph.D., *Professor of Applied Mathematics in the University of Göttingen.*  
 1910-1911 ERNST DAENELL, Ph.D., *Professor of Modern History in the University of Kiel.*

<sup>1</sup> Unable to serve because of war in Europe.

<sup>2</sup> Did not enter upon his duties.



- 1911-1912 JOSEF SCHICK, Ph.D., *Professor of English Philology in the University of Munich.*
- 1912-1913 FELIX KRUEGER, Ph.D., *Professor of Experimental Psychology in the University of Halle.*
- 1913-1914 KARL F. TH. RATHGEN, Ph.D., *Professor of Political Economy in the Colonial Institut, Hamburg.*
- 1914-1915 THEODORE NIEMEYER, Jur.D., *Professor of International Law in the University of Kiel.*<sup>1</sup>

## VISITING FRENCH PROFESSORS

- 1911-1912 GUSTAVE LANSON, Litt.D., *Professor of the History of Literature in the University of Paris.*
- 1912-1913 HENRI BERGSON, Litt.D., *Professor of Philosophy in the University of Paris.*
- 1913-1914 JEAN PERRIN, Sc.D., *Professor of Physical Chemistry in the University of Paris.*
- 1914-1915 ALBERT G. DE LAPRADELLE, Ph.D., *Professor of International Law in the University of Paris.*
- 1915-1916 ALBERT FOUCHER, Ph.D., *Professor of the Indian Languages and Literatures in the University of Paris.*
- 1916-1917 EMMANUEL DE MARTONNE, Ph.D., *Professor of Geography in the University of Paris.*

## VISITING AUSTRIAN PROFESSORS

- 1913-1914 JOSEF SCHUMPETER, Jur.D., *Professor of Political Economy in the University of Graz.*
- 1914-1915 EUGENE OBERHUMMER, Ph.D., *Professor of Geography in the University of Vienna.*<sup>1</sup>

<sup>1</sup> Unable to serve because of war in Europe.

## STATED LECTURESHIPS

### BEER LECTURER

- 1910-1911 LEONARD T. HOBHOUSE, A.M., 'Social Evolution and Political Theory.'

### BLUMENTHAL LECTURERS

- 1907-1908 ALBERT SHAW, LL.D., 'Practical Problems in American Politics.'  
WOODROW WILSON, Ph.D., LL.D., 'Party Government in the United States.'
- 1908-1909 JEREMIAH W. JENKS, Ph.D., LL.D., 'The Principles of Politics from the Viewpoint of the American Citizen.'
- 1909-1910 HENRY JONES FORD, 'Cost of National Government.'  
SAMUEL W. MCCALL, LL.D., 'The Business of Congress.'
- 1912-1913 JOHN SHARP WILLIAMS, 'The Permanent Influence of Jefferson on American Institutions.'
- 1915-1916 WILLIAM H. TAFT, Ph.D., LL.D., 'The Presidency, Its Powers, Duties, Responsibilities, and Limitations.'

### CARPENTIER LECTURERS

- 1905-1906 JAMES BRYCE, LL.D., 'Law in its Relations to History.'
- 1908-1909 JOHN CHIPMAN GRAY, LL.D., 'The Nature and Sources of the Law.'
- 1910-1911 DAVID JAYNE HILL, LL.D., 'The Problem of World Organization as Affected by the Nature of the Modern State.'
- 1911-1912 Sir FREDERICK POLLOCK, 'The Genius of the Common Law.'
- 1913-1914 Sir COURTENAY ILBERT, 'The Mechanics of Law Making.'
- 1916-1917 HAROLD D. HAZELTINE, J.U.D., 'English Legal History.'

### CHANDLER LECTURERS

- 1913-1914 L. H. BAEKELAND, Sc.D., 'Some Aspects of Industrial Chemistry.'
- 1916-1917 W. F. HILLEBRAND, Ph.D., 'The Future of Analytical Chemistry.'

### HEWITT LECTURERS

- 1901-1902 Professor BURR, 'Civil Engineering Subjects.'
- 1902-1903 Professor J. G. CURTIS, 'Physiology of the Nervous System and the Related Parts.'
- 1903-1904 Professor CLARK, 'The Problem of Monopoly.'
- 1904-1905 Professor TRENT, 'Six Writers of the Eighteenth Century.'
- 1905-1906 Professor COHN, 'Republican France.'
- 1906-1907 Professor CRAMPTON, 'Doctrine of Evolution.'
- 1907-1908 Professor SHEPHERD, 'South America.'
- 1908-1909 Professor GIES, 'The Chemistry of Digestion.'
- 1909-1910 Professor LUCKE, 'Power.'
- 1910-1911 Professor LAWRENCE, 'Social Ideal in Popular Stories.'

- 1911-1912 Professor SHOTWELL, 'The Industrial Revolution.'  
 1912-1913 Professor MONTAGUE, 'The Great Systems of Philosophy.'  
 1914-1915 Dean STONE, 'Law and its Administration.'  
 1915-1916 THOMAS I. PARKINSON, LL.B., 'Legislation and Efficiency in Government.'  
 1916-1917 HOWARD L. MCBAIN, Ph.D., 'American City Progress and the Law.'

# JESUP LECTURERS

- 1905-1906 Professor OSBORN, 'The Evolution of the Horse.'  
 1908-1909 Professor MACLAURIN, 'Light.'  
 1910-1911 Professor LEE, 'Scientific Features of Modern Medicine.'  
 1912-1913 Professor T. H. MORGAN, 'Heredity and Sex.'  
 1914-1915 Professor BERKEY, 'Origin and Meaning of Some Fundamental Earth Structures.'  
 1916-1917 ROBERT S. WOODWORTH, Ph.D., 'Dynamic Psychology.'

# ALUMNI FEDERATION OF COLUMBIA UNIVERSITY

(Incorporated 1916)

The purposes of the Alumni Federation are to advance the interests and promote the welfare of Columbia University and its alumni. This it endeavors to accomplish by encouraging and assisting efficient organization of alumni bodies; by forming new associations and clubs; by disseminating among alumni and the general public through an official publication or otherwise accurate information about alumni and University affairs; by providing a recognized channel of communication between students, alumni, and University officers; by keeping the alumni informed with respect to undergraduate life and activities, and by providing the machinery to nominate alumni trustees.

All members of the alumni associations of the various schools maintained by the Trustees of the University are *ipso facto* School Members of the Federation and any alumnus may become a General Member. A payment of \$100, or a multiple thereof, toward the Endowment Fund entitles an alumnus to be an Endowment Member, which carries life privileges and a life subscription to the *Alumni News*. The following are Endowment Members:

|                                         |                               |
|-----------------------------------------|-------------------------------|
| Benjamin B. Lawrence, '78 Mines         | John C. Richardson, '83 Mines |
| William Fellowes Morgan, '80, '84 Mines | George F. Butterworth, '74    |
| Henry Kraemer, '95 Mines                | A. M. Huntington, '08 Hon.    |
| Nicholas Murray Butler, '82             | Norton Perkins, '01L          |
| Willard V. King, '89                    | Herbert L. Satterlee, '83     |
| Charles F. Hoffman, '78                 | F. L. Stetson, '69L           |
| Gano Dunn, '91 Mines                    | Edmund E. Wise, '83           |

There is a special class of Endowment Membership which provides for additions to the Endowment Fund of \$500 or over by individuals. An alumnus thus contributing is named a 'fundor'. There is one Fundor—Charles Elihu Slocum, '69 P. and S.—and his contribution to the Endowment Fund is known as 'The Charles Elihu Slocum, '69 P. and S. Alumni Federation Fund of Five Hundred Dollars.' A class may become a 'Fundor' upon payment of \$250. The Class of 1905 assigned to the Federation the income for one year of its Decennial Fund and was the first class to become a Fundor.

The Federation sets in motion the machinery which places in nomination before the University Trustees the candidates for alumni trusteeship. The Alumni Trustees in office in 1918 are: George L. Ingraham, '69L; Ambrose Dyer Henry, '84; Arthur Smith Dwight, '85 Mines; Frederick Coykendall, '95, '97S; Herbert Livingston Satterlee, '83, '85L, '85 Ph.D.; and Walter B. James, '83 P. and S.

The Federation maintains an office in Room 311 East Hall which serves as a clearing house for all alumni publications. It publishes the *Columbia Alumni News*, the official alumni publication.

## Officers

*President:* STEPHEN G. WILLIAMS, '81, '82L, '83 Ph.D.

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*2d Vice-President:* JOHN V. BOUVIER, JR., '86, '88L.

*3d Vice-President:* ROBERT LEWIS, '85M

*Treasurer:* CHARLES E. HAYDOCK, '01

*Secretary:* EDGAR J. MOELLER, '95P.A.

*Executive Secretary:* LEVERING TYSON, '11 A.M., 311 East Hall, Columbia University.



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 THOMAS EWING, '85—New York  
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 ALLAN B. A. BRADLEY, '02, '05L.  
 LAWRAON RIGGS, JR., '03, '06L.

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CARL A. MEISENER, '80 Mines  
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 FREDERICK COYKENDALL, '95  
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 A. L. GOODMAN, '95M.  
 VICTOR A. ROBERTSON, '83M.

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HERBERT R. MOODY, '01 Ph.D.  
 STEPHEN G. WILLIAMS, '81, '82L, '83Ph.D.  
 TRACY E. HAZEN, '00 Ph.D.

*From the School of Architecture*

ARTHUR WARE, '98 F.A.  
 EDGAR J. MOELLER, '95 F.A.  
 HENRY S. KISSAM, '86 F.A.

## ALUMNI ORGANIZATIONS

## SCHOOL ASSOCIATIONS

ASSOCIATION OF THE ALUMNI OF COLUMBIA COLLEGE. Francis Sedgwick Bangs, '78, president; Robert W. Macbeth, '06, secretary, 450 Fifth Avenue, New York. Chairman Standing Committee, William F. Ward, '87.

ASSOCIATION OF THE ALUMNI OF THE COLLEGE OF PHYSICIANS AND SURGEONS, Richard T. Bang, '76, '79M., president; Henry E. Hale, '96M., secretary, 64 West 50th Street.

ALUMNI ASSOCIATION OF THE LAW SCHOOL. George C. Holt, '69L., president; Jarvis P. Carter, '02, '05L., secretary, 32 Liberty Street.

ALUMNI ASSOCIATION OF THE SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY. Robert V. Norris, '85 Mines, president; George Cameron Stone, '79 Mines, secretary, 55 Wall Street.

ASSOCIATION OF DOCTORS OF PHILOSOPHY. Charles A. Downer, '01 Ph.D., president; Samuel Lee Wolff, '12 Ph.D., secretary, Columbia University.

ALUMNI ASSOCIATION OF THE SCHOOL OF ARCHITECTURE. J. Monroe Hewlett, '90F.A., president; Arthur Lobo, '04F.A., secretary, 8 West 33d Street.

## ALUMNI CLUBS

BUFFALO. A. H. Hopkins, '08F.A., president; Frederick A. Busch, '93L., secretary, 3147 Main Street, Buffalo, New York.

CLEVELAND. Leonard G. Taylor, secretary, Cleveland, Ohio.

COLORADO. W. V. Hodges, '99L., president; Francis E. Bouck, '95, secretary, Attorney General's office, Denver, Colorado.

CUBA. Aristides Agramonte, '92M., president; Carlos N. Todd, '13S., secretary, 15 No. 225, Vedado, Havana, Cuba.

DISTRICT OF COLUMBIA. Edward C. Barnard, '84 Mines, president; Oliver Hoyem, '17J., Union Trust building, Washington, D. C.

ILLINOIS. Emory Hill, '04, president; John A. Flanders, '06S., secretary, 5723 Kimbark Avenue, Chicago, Illinois.

MARYLAND. George C. Saunders, '98S., president; Albin H. Warth, '07S., secretary, Crown, Cork and Seal Company, Baltimore, Maryland.

MEXICO. Victor M. Braschi, '81S., president, Apartado 830, Mexico City, Mexico.

NEW JERSEY. Shiras Campbell, '04F.A., president; Michael N. Chanalís, '09, secretary, 179 North Seventh Street, Newark, New Jersey.

NORTHERN NEW YORK. Roelif H. Brooks, '00, president; E. Howard Osterhout, '10, '12L., secretary, care of Secretary of State, Albany, New York.

OMAHA. C. W. Pollard, '99M., president; N. R. Brigham, '13F.A., secretary, 705 Keeline Building, Omaha, Nebraska.

PHILADELPHIA. H. F. Sanville, '92 Mines, president; George W. Wallace, '89L., secretary, Franklin Bank Building, Philadelphia, Pennsylvania.

PITTSBURGH. George E. Painter, '84 Mines, president; S. Leo Ruslander, '01L., secretary, 821 Frick Building, Pittsburgh, Pennsylvania.

SAN FRANCISCO. Harry M. Sherman, '80M., president; John C. Spencer, '82, '85M., secretary, Butler Building, San Francisco, California.

SYRACUSE. Newell B. Woodworth, '82, president; Howard J. J. Stagg, '09S., acting secretary, 653 Allen Street, Syracuse, N. Y.

UTAH. W. D. Riter, '97L., president; Girard B. Rosenblatt, '02S., secretary 1212 Walker Bank Building, Salt Lake City, Utah.

WASHINGTON. Robert B. Walkinshaw, '11L., president; Max Hardman, '05L., secretary, 805 Central Building, Seattle, Washington.

YONKERS. William Forster, '81, president; Algernon S. Schafer, '00, secretary, 120 Broadway, New York.

#### CLASS GROUP SOCIETIES

SOCIETY OF THE OLDER GRADUATES. Francis S. Bangs, '78, president; William deL. Benedict, '74 Mines, secretary, 19 Cedar Street, New York.

SOCIETY OF THE EARLY EIGHTIES. Daniel E. Moran, '84 Mines, president; Girard Romaine, '82, secretary, 68 Broad Street, New York.

SOCIETY OF THE UPPER EIGHTIES. Ruford Franklin, '86, president; Edward L. Dodge, '88, secretary, 4 West Forty-third Street, New York.

LAST OF THE FORTY-NINERS. Frank S. Hackett, '99, president; Melville H. Cane, '00, secretary, 31 Liberty Street, New York.

# UNIVERSITY PUBLICATIONS

## I. OFFICIAL PUBLICATIONS OF COLUMBIA UNIVERSITY

Unless otherwise stated, all the publications named below are distributed without charge upon application to the Secretary of Columbia University.

*Annual Catalogue:* issued each March. Price 25 cents.

*Annual Reports of the President and the Treasurer to the Trustees:* issued each November.

*Directory of Officers and Students:* issued twice each year soon after the Winter and Spring registration periods of the University; contains the names, office hours, and addresses of the officers of the University, and the names and addresses of the students registered up to the time of publication. Price, 10 cents.

*General Catalogue of the Alumni:* issued sexennially; contains the names and addresses of all graduates of the University. The current edition is that of 1916.

*A University Bibliography* containing a list of publications, contributions, and serial studies from the University, a list of publications of the officers for the year, and a list of doctoral dissertations printed during the year, is published annually.

*Announcements* of the various parts of the work of the University are issued during the year between December and July and contain detailed information concerning admission, expenses, courses of instruction to be given during the coming year, and requirements for degrees. They include:

*Columbia College*, for the work for men leading to the degrees of Bachelor of Arts or Bachelor of Science.

*School of Law*, for the work leading to the degrees of Bachelor of Laws and Master of Laws.

*College of Physicians and Surgeons*, for the work leading to the degree of Doctor of Medicine.

*Schools of Mines, Engineering, and Chemistry*, courses in Mining and Metallurgy, in Chemistry, and in Civil, Electrical, and Mechanical Engineering.

*School of Journalism*, for the work leading to the degree of Bachelor of Literature.

*Faculties of Political Science, Philosophy and Pure Science*, for all non-professional advanced work leading to the degrees of Master of Arts and Doctor of Philosophy.

*School of Architecture*, for the work leading to the degree of Bachelor of Architecture.

*School of Business*, for work leading to the degree of Bachelor of Science in Business.

*Extension Teaching.*

*Residence Halls.*

*Summer Session.*

*Circular of Information as to Entrance Examinations and Admissions.*

*Announcements* of the several divisions of the University contain full information concerning the work of the coming year, or years, in those divisions. These circulars comprise Ancient and Oriental Languages: Biology; Chemistry; Geology, Geography, and Mineralogy; Music; History, Economics, and Public Law; Mathematical and Physical Sciences; Modern Languages and Literatures; Philosophy, Psychology, and Anthropology.

Publications of Barnard College:

*Announcement of Barnard College*, contains full information concerning admission, expenses, courses of instruction, and requirements for the degrees of Bachelor of Arts and Bachelor of Science.

*Report of the Dean:* issued annually.

These publications are distributed without charge upon application to the Secretary of Barnard College.

## PUBLICATIONS OF TEACHERS COLLEGE

*Teachers College Record.* Founded in 1900. Published bi-monthly; \$1.50 per year (five numbers—January, March, May, September, November), 40 cents per copy; devoted to the practical problems of elementary, secondary, and higher education. Sections on alumni and college activities. The *Household Arts Review* has been incorporated since January, 1915.

*Contributions to Education.* Established in 1905, continues the educational issues of the Columbia University Contributions to Philosophy, Psychology, and Education, and presents the results of research by officers or advanced students of the College in the history and philosophy of education, in educational psychology, in kindergarten, elementary, and secondary education, in educational administration and in related fields. The series includes 96 volumes to date.

*Teachers College Bulletins.* A series of pamphlets published fortnightly, including the *Dean's Report* (issued in November), *Announcements of School of Education* and *School of Practical Arts* (issued in the spring), special announcements of departments, which are free of charge.

The series also includes the *Technical Educational Bulletins*, certain articles on special subjects, and reports on school practice, to which a price is attached.

*Unclassified Publications:* A group of publications not lending themselves to the conditions of the foregoing series, notable among which are Thorndike's *Educational Psychology* text-books, the Teachers College scales and tests for measuring achievements in school work, and the curriculum of the Horace Mann Elementary School.

*Teachers College Syllabi.* This series consists of outlines of study, bibliographies and references, which are published at irregular intervals by Teachers College.

*Circulars of the Horace Mann Schools.* Two schools fully equipped with kindergarten, elementary, and secondary classes, maintained by Teachers College as schools of observation. These circulars may be obtained without charge upon application to the Superintendent of the Horace Mann School.

For details in regard to any of these publications consult the Bureau of Publications, Teachers College.

## II. COLUMBIA UNIVERSITY PRESS

The Columbia University Press was organized with the approval of the Trustees of the University and was incorporated June 8, 1893, for the purpose of promoting the publication of works embodying the results of original research. The Press is a private corporation, related directly to Columbia University by the provisions that its Trustees shall always be officers of the University, and that the President of the University shall be the President of the Press.

## TRUSTEES

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WILLIAM H. CARPENTER, *Secretary*

JOHN B. PINE, *Treasurer*

Professors MATTHEWS, GIDDINGS, WILSON, TRENT, LEE, A. H. THORNDIKE, VAN HOOK.

III. ALUMNI AND STUDENT PUBLICATIONS AT  
COLUMBIA UNIVERSITY

*Note.* During the period of the war several of the student periodicals listed below have been published irregularly. The University Bibliography gives full information.



*The Alumni Journal*, 1893. Published monthly in the interest of the Alumni Association of the College of Pharmacy; per copy, 10 cents; per year, \$1.00.

*Annual of the Columbia University School of Architecture*, 1904. Architectural annual, published by the Architectural Society, showing work in the departments of design and drawing.

*The Barnard Bear*, 1905. A literary supplement to the *Barnard Bulletin*; stories, verse, essays, editorials; monthly, November to June; per copy, 20 cents; per year, \$1.50.

*The Barnard Bulletin*, 1901. Four pages, weekly; Barnard College news; per copy, 5 cents; per year, \$1.50.

*The Columbia Alumni News*, 1909. Thirty-two pages, weekly; except June, July, August, and September, when it is published monthly; alumni, University, and faculty news; per copy, 10 cents; per year, \$3.00. Levering Tyson, '11A.M., Managing Editor.

*Barnard College Bluebook*. A small handbook, published and presented by the religious and philanthropic associations of Barnard College.

*The Columbia Bluebook*. A small handbook, containing information in regard to every form of student activity at Columbia, and an engagement calendar; published by the Christian Association and distributed free to all new students in the University each year.

*The Columbia Jester*, 1901. An illustrated comic paper, monthly during the college year; averages ten pages of reading matter with illustrations, cartoon, and a cover; per copy, 15c.; per year, \$1.00 (by mail, \$1.20).

*The Columbia Law Review*, 1901. Legal articles and book reviews by writers of recognized authority, and comment upon recent cases by the editors; edited by a board of about sixteen students of the School of Law; monthly, November to June (70 pp.); per copy, 30c; per year, \$2.00.

*The Columbia University Quarterly*, 1898. A magazine which aims to represent the wide variety of literary, philosophic, and scientific activities which focus at Columbia and through which the University contributes to the thought and work of the world; quarterly; averages 120 pages; per copy, 30 cents; per year, \$1.00; C. S. Baldwin, Managing Editor.

*The Columbian*. A bound, illustrated volume, containing statistics of athletics, fraternity membership, class achievements, and other information concerning student life; published by third-year men, elected from Columbia College and from the Schools of Applied Science. Volume XXIX was published by the class of 1919. Price, \$2.50.

*The Columbia Spectator*, 1877. Published daily, except Sunday; edited by a managing board of five, assisted by a board of six editors, and from twelve to twenty-five associate editors; per copy, 3 cents; per year, \$3.50.

*The Mortarboard*, 1897. An annual corresponding to the *Columbian*, but more literary in character, including, besides the history of the junior class, poems, stories, sketches, etc.; published by a board of about eight third-year students of Barnard College; price, \$1.00.

*The Senior Class-Book*. A book privately printed by the graduating class of Columbia College, through an editorial board, and distributed on class-day. Revived by the class of 1899, it has been continued by the succeeding classes; includes pictures and autobiographies of the members, letters from the faculty, and the class-day speeches.

*Teachers College Bluebook*. A small handbook published and presented by the religious organizations of Teachers College.

*Weekly Bulletin*, Teachers College. One to four pages, weekly; Teachers College news. Distributed free to students.

# ACADEMIC CALENDAR

1919

|           |    |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| July      | 7  | Monday. Twentieth Summer Session begins.                                                                                                                                                                                                                                                                                                                                                               |
| August    | 1  | Friday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5.<br>Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5. |
| August    | 15 | Friday. Twentieth Summer Session ends.                                                                                                                                                                                                                                                                                                                                                                 |
| September | 8  | Monday. Last day for filing applications for entrance examinations and for advanced standing. The privilege of later application may be granted on payment of a fee of \$5.                                                                                                                                                                                                                            |
| September | 15 | Monday. Examinations for entrance, advanced standing, and for deficient and debarred students begin.                                                                                                                                                                                                                                                                                                   |
| September | 17 | Wednesday. Registration (including the payment of fees) begins.                                                                                                                                                                                                                                                                                                                                        |
| September | 23 | Tuesday. Registration ceases for students previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.                                                                                                                                              |
| September | 24 | Wednesday. Winter Session, 166th year, begins. Registration ceases for students not previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.                                                                                                    |
| September | 27 | Saturday. Registration ceases for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later application may be granted up to October 18 on payment of a fee of \$5.                                                                                                                                                                      |
| October   | 1  | Wednesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October.<br>Last day for filing applications for all degrees to be conferred in October, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.           |
| October   | 4  | Saturday. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.                                                                                                                                                                                                                                          |
| October   | 18 | Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.                                                                                                                                                                                             |
| October   | 21 | Tuesday. Stated meeting of University Council.                                                                                                                                                                                                                                                                                                                                                         |
| November  | 4  | Tuesday. Election Day, holiday.                                                                                                                                                                                                                                                                                                                                                                        |
| November  | 26 | Wednesday. Annual Thanksgiving Service in St. Paul's Chapel.                                                                                                                                                                                                                                                                                                                                           |
| November  | 27 | Thursday, to November 29, Saturday, inclusive. Thanksgiving holidays.                                                                                                                                                                                                                                                                                                                                  |

- December 1 Monday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February. The privilege of later application may be granted up to December 15 on payment of a fee of \$5.
- December 7 Sunday. Annual Commemoration Service in St. Paul's Chapel.
- December 16 Tuesday. Stated meeting of University Council.
- December 22 Monday, to

## 1920

- January 3 Saturday, inclusive. Christmas holidays.
- January 8 Thursday. Last day for filing applications for entrance examinations. The privilege of later application may be granted on payment of a fee of \$5.
- January 15 Thursday. Mid-year entrance examinations begin.
- January 21 Wednesday. Mid-year examinations begin.
- January 31 Saturday. Registration (including the payment of fees) begins.
- February 2 Monday. Last day for filing applications for all degrees to be conferred in February, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- February 3 Tuesday. Winter Session ends.  
Last day for filing essay for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February.  
Registration ceases for students entering Spring Session. The privilege of later registration may be granted up to March 1 for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts on payment of a fee of \$5.
- February 4 Wednesday. Spring Session begins.  
University Service in St. Paul's Chapel.
- February 12 Thursday. Alumni Day.
- February 14 Saturday. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
- February 17 Tuesday. Stated meeting of University Council.
- February 23 Monday. Washington's Birthday, holiday.
- February 28 Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.
- March 1 Monday. Last day for filing applications for University Fellowships and Scholarships.  
Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June. The privilege of later application may be granted up to March 15 on payment of a fee of \$5.
- April 1 Thursday. Last day for filing applications for examination for the degree of Doctor of Philosophy to be conferred in June.
- April 1 Thursday, to April 5, Monday, inclusive. Easter holidays.
- April 15 Thursday. Last day for filing applications for all degrees to be conferred in June, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- April 19 Monday. Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5.

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|-----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| April     | 20 | Tuesday. Stated meeting of University Council.                                                                                                                                                                                                                                                                                                                                                         |
| May       | 1  | Saturday. Last day for students in Columbia College to file choice of studies for following year. The privilege of filing such choice later may be granted on payment of a fee of \$5.<br>Last day for filing applications for scholarships in the Schools of Law, Applied Science, and Architecture.                                                                                                  |
| May       | 17 | Monday. Final examinations begin.                                                                                                                                                                                                                                                                                                                                                                      |
| May       | 19 | Wednesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June.                                                                                                                                                                                                                                                                |
| May       | 30 | Sunday. Baccalaureate Service.                                                                                                                                                                                                                                                                                                                                                                         |
| May       | 31 | Monday. Class Day, Memorial Day, holiday.                                                                                                                                                                                                                                                                                                                                                              |
| June      | 2  | Wednesday. Commencement day.                                                                                                                                                                                                                                                                                                                                                                           |
| June      | 9  | Wednesday. Spring Session ends.                                                                                                                                                                                                                                                                                                                                                                        |
| June      | 21 | Monday. Entrance examinations begin.                                                                                                                                                                                                                                                                                                                                                                   |
| July      | 6  | Tuesday. Twenty-first Summer Session begins.                                                                                                                                                                                                                                                                                                                                                           |
| August    | 2  | Monday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5.<br>Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5. |
| August    | 13 | Friday. Twenty-first Summer Session ends.                                                                                                                                                                                                                                                                                                                                                              |
| September | 6  | Monday. Last day for filing applications for entrance examinations, and for advanced standing. The privilege of later application may be granted on payment of a fee of \$5.                                                                                                                                                                                                                           |
| September | 13 | Monday. Examinations for entrance, advanced standing, and for deficient and debarred students begin.                                                                                                                                                                                                                                                                                                   |
| September | 15 | Wednesday. Registration (including the payment of fees) begins.                                                                                                                                                                                                                                                                                                                                        |
| September | 21 | Tuesday. Registration ceases for students previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.                                                                                                                                              |
| September | 22 | Wednesday. Winter Session, 167th year, begins. Registration ceases for students not previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.                                                                                                    |
| September | 25 | Saturday. Registration ceases for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later application may be granted up to October 16, on payment of a fee of \$5.                                                                                                                                                                     |
| October   | 2  | Saturday. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.                                                                                                                                                                                                                                          |
| October   | 5  | Wednesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. Last day for filing applications for all degrees to be conferred in October, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.              |



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| October  | 16 | Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.                                        |
| October  | 19 | Tuesday. Stated meeting of University Council.                                                                                                                                                                                                    |
| November | 2  | Tuesday. Election Day, holiday.                                                                                                                                                                                                                   |
| November | 24 | Wednesday. Annual Thanksgiving Service in St. Paul's Chapel.                                                                                                                                                                                      |
| November | 25 | Thursday, to November 27, Saturday, inclusive. Thanksgiving holidays.                                                                                                                                                                             |
| December | 1  | Wednesday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February. The privilege of later application may be granted up to December 15 on payment of a fee of \$5. |
| December | 12 | Sunday. Annual Commemoration Service in St. Paul's Chapel.                                                                                                                                                                                        |
| December | 21 | Tuesday. Stated meeting of University Council.                                                                                                                                                                                                    |
| December | 22 | Wednesday, to                                                                                                                                                                                                                                     |

## 1921

|          |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| January  | 4  | Tuesday, inclusive. Christmas holidays.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| January  | 6  | Thursday. Last day for filing applications for entrance examinations. The privilege of later application may be granted on payment of a fee of \$5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| January  | 13 | Thursday. Mid-year entrance examinations begin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| January  | 19 | Wednesday. Mid-year examinations begin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| January  | 29 | Saturday. Registration (including the payment of fees) begins.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| February | 1  | Tuesday. Winter Session ends. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in February. Last day for filing applications for all degrees to be conferred in February, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5. Registration ceases for students entering Spring Session. The privilege of later registration may be granted up to March 1 for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts on payment of a fee of \$5. |
| February | 2  | Wednesday. Spring Session begins. University Service in St. Paul's Chapel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| February | 12 | Saturday. Alumni Day. Last day for making changes in program, except for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| February | 15 | Tuesday. Stated meeting of University Council.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| February | 22 | Tuesday. Washington's Birthday, holiday.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| February | 26 | Saturday. Last day for receiving late applications for registration and for making changes in program for graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| March    | 1  | Tuesday. Last day for filing applications for University Fellowships and Scholarships. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June. The privilege of later application may be granted up to March 15 on payment of a fee of \$5.                                                                                                                                                                                                                                                                                                                                                    |
| March    | 24 | Thursday, to March 28, Monday, inclusive. Easter holidays.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| April    | 1  | Friday. Last day for filing applications for examination for the degree of Doctor of Philosophy to be conferred in June.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|-----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| April     | 18 | Monday. Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5.                                                                                                                                                                                                                                        |
| April     | 19 | Tuesday. Stated meeting of University Council.<br>Last day for filing applications for all degrees to be conferred in June, except Master of Arts, Master of Science, Master of Laws, and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.                                                                                                          |
| May       | 2  | Monday. Last day for students in Columbia College to file choice of studies for following year. The privilege of filing such choice later may be granted on payment of a fee of \$5.<br>Last day for filing applications for scholarships in the Schools of Law, Applied Science, and Architecture.                                                                                                    |
| May       | 16 | Monday. Final examinations begin.                                                                                                                                                                                                                                                                                                                                                                      |
| May       | 18 | Wednesday. Last day for filing essays for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in June.                                                                                                                                                                                                                                                                |
| May       | 29 | Sunday. Baccalaureate Service.                                                                                                                                                                                                                                                                                                                                                                         |
| May       | 30 | Monday. Class Day, Memorial Day, holiday.                                                                                                                                                                                                                                                                                                                                                              |
| June      | 1  | Wednesday. Commencement day.                                                                                                                                                                                                                                                                                                                                                                           |
| June      | 8  | Wednesday. Spring Session ends.                                                                                                                                                                                                                                                                                                                                                                        |
| June      | 13 | Monday. Entrance examinations begin.                                                                                                                                                                                                                                                                                                                                                                   |
| July      | 11 | Monday. Twenty-second Summer Session begins.                                                                                                                                                                                                                                                                                                                                                           |
| August    | 1  | Monday. Last day for filing applications for the degrees of Master of Arts, Master of Science, and Master of Laws to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5.<br>Last day for filing applications for deficiency and special examinations. The privilege of later application may be granted on payment of a fee of \$5. |
| August    | 19 | Friday. Twenty-second Summer Session ends.                                                                                                                                                                                                                                                                                                                                                             |
| September | 5  | Monday. Last day for filing applications for entrance examinations, and for advanced standing. The privilege of later application may be granted on payment of a fee of \$5.                                                                                                                                                                                                                           |
| September | 12 | Monday. Examinations for entrance, advanced standing, and for deficient and debarred students begin.                                                                                                                                                                                                                                                                                                   |
| September | 21 | Wednesday. Registration (including the payment of fees) begins.                                                                                                                                                                                                                                                                                                                                        |
| September | 27 | Tuesday. Registration ceases for students previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.                                                                                                                                              |
| September | 28 | Wednesday. Winter Session, 168th year, begins. Registration ceases for students not previously matriculated, except graduate students in Political Science, Philosophy, Pure Science, Education, and Practical Arts. The privilege of later registration may be granted on payment of a fee of \$5.                                                                                                    |

There are three regular sessions of the University each year. A Winter Session of nineteen weeks, which begins on September 24, 1919, and ends on February 3, 1920; a Spring Session of eighteen weeks, which begins on February 4, 1920, and ends on June 9, 1920; and a Summer Session of six weeks, which begins on July 6, 1920, and ends on August 3, 1920. The Winter Session is the equivalent of what was formerly designated as the first half-year, and the Spring Session is the equivalent of what was formerly designated as the second half-year.

# REGISTER OF STUDENTS

## COLUMBIA COLLEGE

NOTE: Matriculated students are classified according to the regulations printed in the College Announcement for 1918-1919, on the basis of their records in February.

(H) indicates that the student is a candidate for a degree with honors.

### SENIORS—CLASS OF 1919

|                             |                         |                                     |                      |
|-----------------------------|-------------------------|-------------------------------------|----------------------|
| Abrahams, Henry Brash       | New York City           | Darmstatter, Norman Ernest          | Passaic, N. J.       |
| Abramson, Harold Alexander  | New York City           | Davidson, Gustav                    | New York City        |
| Adams, Morris R.            | New York City           | Davis, Walter E.                    | Miller Place, N. Y.  |
| Aebli, Rudolph              | West Hoboken, N. J.     | Dean, George (H)                    | New York City        |
| Agar, Herbert Sebastian (H) | New York City           | Dehls, Frederick                    | New York City        |
| Amazon, Peter               | New York City           | Dennis, John Allston, Jr.           | Westfield, N. J.     |
| Amdur, Leon                 | New York City           | Doolittle, Arthur King              | New York City        |
| Anello, Vincent             | New York City           | Druss, Joseph George                | New York City        |
| Ascher, Charles Stern       | Woodmere, N. Y.         | Dubnau, Isadore James               | New York City        |
| Aufses, Arthur Harold       | New York City           | Epstein, Harry Robert               | New York City        |
| Baer, Lawrence Henry        | Nyack, N. Y.            | Feinstein, Isidor                   | New York City        |
| Baratta, Achille Francesco  | New York City           | Feldman, Robert Hugh                | New York City        |
| Batten, Augustus George     | Rye, N. Y.              | Feller, Henry                       | New York City        |
| Beller, William Charles     | New York City           | Felstiner, William                  | New York City        |
| Belth, George               | New York City           | Fineberg, Bernard Jacob             | Jersey City, N. J.   |
| Bernard, Edward             | New York City           | Fishberg, Arthur Maurice            | New York City        |
| Bessie, Everett Mortimer    | New York City           | Fischer, Dieterich Paul             | Englewood, N. J.     |
| Birnbaum, Max George        | New York City           | Forster, Herbert Webster            | Yonkers, N. Y.       |
| Bloch, Monroe               | New York City           | Fowlkes, Floyd Edward               | Petersburg, Va.      |
| Block, Benjamin Farber      | Butler, N. J.           | Fox, Ezra Gregory Benedict          | New York City        |
| Borshaw, Hyman              | Hoboken, N. J.          | Franklin, Roger Gerald              | New York City        |
| Bowitz, Bertrand            | New York City           | Frant, Samuel                       | Newport, R. I.       |
| Brandstein, Joseph S.       | New York City           | Freedman, Joseph Leon               | New York City        |
| Brennan, Henry Mott         | New York City           | Friedman, Bernhart Aaron            | Pottstown, Pa.       |
| Brewster, William Henry     | Lake Placid, N. Y.      | Gallup, Theodore                    | Cassville, N. Y.     |
| Buonaguro, Michael James    | New York City           | Geraty, John Elwood                 | Bradley Beach, N. J. |
| Burdick, Russell Dewey (H)  | New York City           | Giglio, Alphonsus Salvatore Vincent |                      |
| Burstein, Elliot Maurice    | Cleveland, Ohio         |                                     | Elizabeth, N. J.     |
| Callaway, Charles Wilber    | Orange, N. J.           | Ginsburg, Isidor                    | New York City        |
| Campbell, Colin Bown        | New York City           | Glauber, Stanley Edgar              | New York City        |
| Caplan, Solomon             | New York City           | Goldey, Nathan                      | New York City        |
| Cerf, Bennett Alfred        | New York City           | Goldman, Harry                      | New York City        |
| Chilton, Thomas Hamilton    | New York City           | Goldstein, Max                      | New York City        |
| Cohen, Harold Berger        | Rockville Center, N. Y. | Goldstein, Theodore                 | New York City        |
| Cohen, Joseph Henry         | New York City           | Gordon, Daniel                      | New York City        |
| Cohen, Max Bernd            | New York City           | Gordon, Herbert                     | New York City        |
| Cohen, Nathan Bernard       | New York City           | Graham, Robert Lincoln              | New York City        |
| Cohn, Joseph                | New York City           | Graves, Eugene Van Tassel (H)       | New York City        |
| Cohn, Samuel                | New York City           | Gray, Wilbur Dranet                 | New York City        |
| Collens, Arnold Miller      | New York City           | Greenberg, Alexander (H)            | New York City        |
| Conant, Richard Royce       | New York City           | Greenwald, Willard Ferdinand        | New York City        |
| Cowan, Percival Edmund      | New York City           | Grimminger, John William            | Jersey City, N. J.   |
| Cowen, Robert Irving        | New York City           | Grodin, Thomas Murray               | New York City        |
| Daing, Lamberto             | Bindlbagan, P. I.       | Grunzweig, Armand                   | New York City        |
|                             |                         | Gulier, Hugh Parker (H)             | New York City        |

|                              |                    |                                |                        |
|------------------------------|--------------------|--------------------------------|------------------------|
| Haldenstein, Herbert Walter  | New York City      | Pugh, John Hammett (H)         | New York City          |
| Hammer, Armand               | New York City      | Quat, Arnold                   | New York City          |
| Hastings, Edward Walton      | New York City      | Radcliff, P. Edward, Jr.       | Yonkers, N. Y.         |
| Hawkins, Ralph Clymer        | New York City      | Raymond, Irving Woodworth      | New York City          |
| Helwig, Herman Frank, Jr.    | New York City      | Redpath, Albert Gordon (H)     | Vineland, N. J.        |
| Hollander, Franklin          | New York City      | Robinson, Walter Scott         | Colorado Springs, Col. |
| Horan, Stanley Gray          | New York City      | Rogers, Francis Walker         | Monson, Mass.          |
| Hyder, Carl Turner           | West Plains, Mo.   | Rogers, Herbert Melvin         | New York City          |
| Illman, Fletcher Gillespie   | Morristown, N. J.  | Rogers, Richard Merrington     | Newark, N. J.          |
| Joachim, Leo Harold          | New York City      | Rohdenburg, Edward Laux        | New York City          |
| Katchen, Ira Julius          | Newark, N. J.      | Rosen, James Michael           | New York City          |
| Katzen, Julius               | New York City      | Rosenberger, Harold Jerome     | New York City          |
| Kaufman, Joseph William      | New York City      | Rosenfeld, Samuel              | New York City          |
| Kelley, George Barchfield    | New York City      | Rosenzweig, Maxwell            | New York City          |
| Kempner, Sigmund Marshall    | New York City      | Rothschild, Joseph Meyer       | New York City          |
| Kiendl, Frank                | New York City      | Ruppe, John Paul               | New York City          |
| Kimball, Francis Thornton    | New York City      | Sanborn, Frederic R.           | New York City          |
| Kinzel, Augustus Braun (H)   | New York City      | Sarlin, Charles Nathaniel      | New York City          |
| Knodel, Robert Edwin         | New York City      | Scafati, John                  | New York City          |
| Koenig, Herbert Augustus     | New York City      | Schachtel, Victor Robert       | New York City          |
| Koeppicus, Herbert           | New York City      | Schiff, Leo                    | New York City          |
| Koplik, Daniel Morris        | New York City      | Schlesinger, Edwin             | Yonkers, N. Y.         |
| Koral, Israel (H)            | New York City      | Schlichting, John Ferdinand    | New York City          |
| Kunhardt, Kingsley           | New York City      | Schneider, Arthur Allen        | New York City          |
| Laguardia, Jordan Bruno (H)  | New York City      | Schwarz, Herbert Maier         | Paterson, N. J.        |
| Lane, Lee Britton            | Mooseheart, Ill.   | Scofield, Lawrence S.          | New York City          |
| Lang, Joseph                 | New York City      | Segeler, Curt George           | New York City          |
| Larson, Hubert Gant          | New York City      | Serafino, Frank                | New York City          |
| Levi, Girard Spenser         | New York City      | Sherwin, Julius                | New York City          |
| Levy, Emil                   | New York City      | Sherwin, Sidney Alexander      | New York City          |
| Lobel, Alex                  | New York City      | Shirk, Daniel Austin           | New York City          |
| Lott, John MacKay            | New York City      | Simonson, Earle Messner (H)    | New York City          |
| McCabe, Angus Shaw           | New York City      | Singer, Jules Bernard          | New York City          |
| McGowan, Francis Joseph, Jr. | New York City      | Slawson, John                  | New York City          |
| Manrodt, Manfred             | Newark, N. J.      | Standard, Paul                 | New York City          |
| Marcus, Israel Hyman         | New York City      | Stewart, Harold Morgan         | Mt. Vernon, N. Y.      |
| Marcus, Ralph Sanford (H)    | New York City      | Stone, Louis                   | New York City          |
| Mathews, Maxwell Julius      | New York City      | Strittmatter, Eugene John (H)  | Weehawken, N. J.       |
| May, A. Wilfred              | Lowell, Mass.      | Sukloff, Hyman                 | New York City          |
| Medigovich, Dushan Vaso      | Bisbee, Ariz.      | Sweeney, Henry Whitcomb        | New York City          |
| Megirian, Zareh              | New York City      | Tastrom, Edward Philip         | New York City          |
| Meisterman, Samuel Gamaliel  | Newark, N. J.      | Teplitsky, David               | New York City          |
| Meyers, Moses Louis          | New York City      | Thatcher, Harold Wesley        | New York City          |
| Miller, Wallace Johnston     | New York City      | Thomashefsky, Milton           | New York City          |
| Mirsky, Leo Philo            | New York City      | Turk, Milton (H)               | New York City          |
| Misch, Charles Elkin         | New York City      | Turk, Richard Jason, Jr.       | Cresson, Pa.           |
| Moldenke, Richard, Jr.       | Watchung, N. J.    | Tynan, Mortin Francis          | New York City          |
| Moore, Wilbur John           | Watertown, Conn.   | Ullman, Leon                   | New York City          |
| Morris, Leon                 | New York City      | Velte, Edwin Henry             | New York City          |
| Moses, Lionel                | New York City      | Vollmers, Henry Edward, Jr.    | New York City          |
| Moss, Richard Maurice        | New York City      | Wachsmann, Herbert Martin      | Edward                 |
| Neilson, John, Jr.           | New York City      |                                | New York City          |
| Neitz, John Donald           | New York City      | Wacht, Jesse                   | New York City          |
| Oppenheimer, Gordon David    | New York City      | Wallace, Schuyler Crawford (H) | New York City          |
| Paley, Charles               | New York City      | Wechsler, Harry Franklin       | New York City          |
| Peskowitz, Sol               | New York City      | Weinstein, Mortimer            | New York City          |
| Popkin, Lionel Selicman      | Franklin, La.      | Welton, Walter Frederick       |                        |
| Proffitt, Henry Walton       | Garnerville, N. Y. |                                | Mohegan Lake, N. Y.    |
| Proper, Minard LeGrand       | New York City      | Wiesenberger, Arthur           | New York City          |



|                                  |                           |                                 |                           |
|----------------------------------|---------------------------|---------------------------------|---------------------------|
| Young, James Donald              | New York City             | Fanger, Benjamin Franklin       | Missouri Valley, Iowa     |
| Young, Russell Southworth        | Yonkers, N. Y.            | Farrell, Thomas Joseph          | New York City             |
| [206]                            |                           | Feldstein, Louis Jules (H)      | New York City             |
| JUNIORS—CLASS OF 1920            |                           | Fischer, Karl Ferdinand Joseph  | Highwood, N. J.           |
| Abell, Ross Adams                | New York City             | Fisher, Robert Cockburn, 2nd    | Hackensack, N. J.         |
| Accarino, Frank Joseph           | New York City             | Ford, William Arnold            | New York City             |
| Ackermann, John                  | New York City             | Fox, James McCutchen            | New York City             |
| Adelman, Saul                    | New Britain, Conn.        | Freas, Royal Bruce              | Leonia, N. J.             |
| Alzamora, Luis M.                | New York City             | Friedman, Monroe                | New York City             |
| Aronson, Paul Lawrence           | New York City             | Frisch, Irving Alexander        | New York City             |
| Ashley, Homer Champion           | New York City             | Giles, John Warren              | East Orange, N. J.        |
| Bahrenburg, Trevor Mangels       | New York City             | Ginsburg, Solomon Wiener        | New York City             |
| Barnes, Francis Alexander Duncan | Hoboken, N. J.            | Golding, Julius Hyman           | New York City             |
| Baron, Maurice                   | New York City             | Goldsmith, Travis George Alfred | Scranton, Pa.             |
| Batthey, Bryan Mann              | New York City             | Goldstone, Nathan Irving        | New York City             |
| Beebe, Kenneth John              | New York City             | Goodman, Arthur Leslie          | New York City             |
| Beer, Andrew Edward              | Weehawken, N. J.          | Goodman, Henry Isaac            | Newark, N. J.             |
| Benedict, Frederic Parkhurst     | Arlington, N. J.          | Granet, Emil                    | New York City             |
| Benedict, George Bernard         | Oneonta, N. Y.            | Grodofsky, Samuel Harold        | New York City             |
| Berg, Oscar Ferdinand            | New York City             | Grubnick, Max (H)               | New York City             |
| Bierschenk, Frederick Peter      | New York City             | Guinness, Arthur Bennett        | Yonkers, N. Y.            |
| Bilden, Rudiger (H)              | Rheneland, Germany        | Gyss, Emile Edmond              | Yonkers, N. Y.            |
| Bloch, Emil William              | New York City             | Hacker, Louis Morton            | New York City             |
| Bloomer, Millard J., Jr.         | New York City             | Hallock, Fremont Billings       | New York City             |
| Bopes, Charles Francis           | New York City             | Hanauer, Sylvan Leonard         | New York City             |
| Bradley, Eric Heywood            | New York City             | Hartung, Edward T.              | New York City             |
| Brahdy, Max                      | New York City             | Hauck, John                     | Flemington, N. J.         |
| Brown, David Harvey              | Wilmington, Del.          | Hawkes, John Ballard            | New York City             |
| Brown, W. Slater                 | Webster, Mass.            | Hildred, John Beverly           | Ripley, N. Y.             |
| Burger, Aaron Leonard            | New York City             | Hoffman, Isidor B.              | Newark, N. J.             |
| Cadigan, Charles Patrick         | Superior, Wis.            | Hoffman, Leon Francis           | Newark, N. J.             |
| Cahn, Arthur Morris              | New York City             | Hyde, John Barker               | New York City             |
| Carey, William Clifford          | Detroit, Mich.            | Ingersoll, John Campbell        | New York City             |
| Chu, Cheng Hou                   | Shanghai, China           | Isaacson, Abraham Irving        | Winsted, Conn.            |
| Claman, Irving                   | New York City             | Jackson, Gardner                | Colorado Springs, Col.    |
| Cohen, David Julius              | New York City             | Jaffe, Philip J.                | New York City             |
| Collins, Edward Harrison         | New York City             | Jeffrey, William Harold         | New York City             |
| Colwell, Harry                   | Hastings-on-Hudson, N. Y. | Johnson, John Howard            | New York City             |
| Condon, Lawrence Robert          | New York City             | Johnston, Guy Ellis             | Northport, N. Y.          |
| Cox, William Henry Dickerson     | Newark, N. J.             | Jones, G. Lester B.             | New York City             |
| Craigmyle, Ronald Muirhead       | Toronto, Canada           | Josephson, Matthew Howard       | New York City             |
| Curran, Frederic Michael         | New York City             | Juster, Irving                  | New York City             |
| Curtin, Leo Patrick (H)          | New York City             | Kahan, Isidor Theodore (H)      | New York City             |
| Cymrot, Mark Elmer               | New York City             | Kahn, Erwin                     | New York City             |
| Davis, Charles Prescott          | Mt. Vernon, N. Y.         | Kappes, George Lincoln          | New York City             |
| Davis, Moses (H)                 | New York City             | Kennedy, John Buckley           | Hoboken, N. J.            |
| Diamond, Sidney Randolph         | New York City             | King, Solomon E.                | New York City             |
| Diasio, Fortunato Anthony        | New York City             | Knebel, Lewis McBurney          | New York City             |
| Dickinson, Lambert Francis       | New York City             | Kraus, Jack Lewis, 2nd          | New York City             |
| Dietch, Hastings Louis           | New York City             | Laubgross, Victor Fred          | New York City             |
| Dorr, James Bryan                | Plainfield, N. J.         | Leibel, Emanuel Samuel          | New York City             |
| Dreesbach, Philip Pratt          | New York City             | Lennon, Francis Andrew          | Hastings-on-Hudson, N. Y. |
| Eisfelder, Henry William Joseph  | New York City             | Lester, Leslie                  | New York City             |
| Emanuel, Victor                  | New York City             | Levy, Irwin Martin              | New York City             |
| Empie, Carlos DeVere             | Seward, N. Y.             |                                 |                           |
| Epstein, Hugo Irving (H)         | New York City             |                                 |                           |
| Everett, Guerra                  | San Antonio, Tex.         |                                 |                           |

|                                   |                     |                                |                    |
|-----------------------------------|---------------------|--------------------------------|--------------------|
| Levy, Lawrence Ludwig             | New York City       | Ruffolo, Hercules              | New York City      |
| Levy, Sanford David               | New York City       | Saacke, Charles W., Jr.        | New York City      |
| Liccione, Manlio Michele          | Mt. Vernon, N. Y.   | Sachs, Alfred Henry            | New York City      |
| Lieberman, Maxwell                | New York City       | Saland, Gamliel                | New York City      |
| Lienau, August Williams           | New York City       | Salant, Edward Oliver          | New York City      |
| Lienhardt, Winfield Schley        | New York City       | Sanders, Murray                | New York City      |
| Liftin, Louis Swick (H)           | New York City       | Scherer, Nelson Klein          | New York City      |
| Lobsenz, Sydney                   | Passaic, N. J.      | Schimmenti, John Marcus        | New York City      |
| McCarthy, William Vincent         | New York City       | Schlesinger, Donald            | New York City      |
| McKeon, Richard Peter             | Union, N. J.        | Schlessel, Louis               | New York City      |
| McMahon, Vincent Raymond          | New York City       | Schwartz, Arnold Morris        | New York City      |
| Mabbott, Thomas Ollive (H)        | New York City       | Scott, Phillip Boyer           | New York City      |
| Mabie, Ralph Roberts, Jr.         | New York City       | Segal, Paul Moses              | Denver, Col.       |
| Machacek, Gerald Frank            | New York City       | Seidlin, Samuel Martin         | New York City      |
| Maisel, Fred Ephraim              | New York City       | Semel, Louis Bennett           | New York City      |
| Mandell, Gilbert Edward           | Forest Hills, N. Y. | Shaw, Charles Edgar            | Louisville, Kan.   |
| Manheim, Harold Julian (H)        | New York City       | Shorr, Philip                  | New York City      |
| Mann, Raymond                     | New York City       | Shuloff, Emil                  | New York City      |
| Marks, Jerome Alexander           | New York City       | Sibley, Horace Norman          | Troy, N. H.        |
| Maupin, J. Gibson                 | New York City       | Silverman, Gabriel             | New York City      |
| Meisels, Raphael                  | Fayetteville, N. C. | Simon, Richard Leo             | New York City      |
| Mesnard, André (H)                | New York City       | Smith, Robert James            | New York City      |
| Meyer, Harry                      | New York City       | Soble, Alexander               | Elmira, N. Y.      |
| Meyer, Henry, Jr.                 | New York City       | Sohn, Harry                    | New York City      |
| Meynen, Frederic Grantham         | New York City       | Soskin, William Howard         | New York City      |
| Michaelis, Alfred Moritz          | New York City       | Stammelman, Mortimer Jacob     | Montclair, N. J.   |
| Michaels, George Milton           | New York City       | Staub, Herbert Thomas          | Bloomfield, N. J.  |
| Modarelli, Alfred Egradio         | Weehawken, N. J.    | Strauss, Norman                | New York City      |
| Modica, Antonino                  | New York City       | Tait, Arthur Lesesne           | Northvale, N. J.   |
| Morris, Walter Bernard            | New York City       | Thompson, Kenneth Ralph        | New York City      |
| Moss, John Arthur                 | Reading, Pa.        | Titterton, Donald William      | Orange, N. J.      |
| Nash, Joseph Newton               | New York City       | Tropp, James                   | New York City      |
| Neumann, Waldemar Julius          | New York City       | Van Raalte, Morton Emanuel     | New York City      |
| Oggins, Isaiah (H)                | Willimantic, Conn.  | Villaume, Frederick Henry      | New York City      |
| O'Grady, John Bellingham          | New York City       | Wadel, Felix Bath              | Tyler, Tex.        |
| O'Kin, Irving                     | Hackensack, N. J.   | Wang, Kang Sung                | Shanghai, China    |
| Owens, Louis Cassard, Jr.         | New York City       | Wechsler, Jacob Jackson        | Hoboken, N. J.     |
| Pack, Samuel James                | New York City       | Weinberg, Albert Katz          | Baltimore, Md.     |
| Parent, Alvah Kibby               | White Plains, N. Y. | Weinberg, Frederick Edward (H) | New York City      |
| Phelps, Gordon Winfield           | North Adams, Mass.  | Weinstein, Samuel              | New York City      |
| Pietaro, Michael J.               | New York City       | Weinstock, Harry Irving        | New York City      |
| Piper, Kenneth Brett              | New York City       | Wettels, Louis Seymour         | New York City      |
| Pooler, Louis Gordon (H)          | Tuxedo Park, N. Y.  | Wilson, Norman Ranken          | Winfield, Kan.     |
| Porfilio, Frederic Michael        | New York City       | Withus, Carl Michael           | East Orange, N. J. |
| Powell, Robert Monroe             | New York City       | Woolard, Edgar                 | Elizabeth, N. J.   |
| Pratt, Sherman Eugene             | New York City       | Youseberg, Louis Israel        | New York City      |
| Rauchfuss, Herbert Adolph Charles | New York City       | Zazeela, Herman                | New York City      |
| Reich, Carl                       | New York City       | [384]                          |                    |
| Rich, Eugene Joseph               | Portland, Ore.      |                                |                    |
| Richardson, Alfred Wells          | New York City       |                                |                    |
| Robbins, Ira                      | New York City       |                                |                    |
| Robinson, Donald Gilman           | Ilchester, Md.      |                                |                    |
| Rogers, Rollin William            | Cohoes, N. Y.       |                                |                    |
| Root, Towner Bowditch             | South Orange, N. J. |                                |                    |
| Rosenbaum, George                 | New York City       |                                |                    |
| Rosenholz, Walter                 | New York City       |                                |                    |
| Rosenson, Alvin Seymour           | New York City       |                                |                    |
| Rosenthal, Theodore               | New York City       |                                |                    |

## SOPHOMORES—CLASS OF 1921

|                               |                    |
|-------------------------------|--------------------|
| Abramson, Harold              | New York City      |
| Alexander, Nelson Newton      | New York City      |
| Alexander, Shepard Lee        | New York City      |
| Andreyko, George              | Jersey City, N. J. |
| Appelbaum, Charles            | Montclair, N. J.   |
| Appell, Paul Harry            | Bristol, Conn.     |
| Archibold, Robert French, Jr. | New York City      |
| Arnheim, Ernest Emanuel       | New York City      |
| Aronovitz, Benjamin Harvey    | New York City      |

|                                |                    |                            |                      |
|--------------------------------|--------------------|----------------------------|----------------------|
| Aronsohn, Cornelius Karl       | New York City      | Dang, S. Ng.               | Kwangtung, China     |
| Babbín, Abraham                | New York City      | Davidoff, Eugene           | New York City        |
| Bachrach, Alfred Ralph         | New York City      | Dawson, Archie Owen (H)    | New York City        |
| Bagster-Collins, Robert Denzil |                    | Dearstyne, Stanley Charles | Albany, N. Y.        |
|                                | Montrose, N. Y.    | Deitsch, Alan Brussel      | New York City        |
| Baker, Laurence Kip            | Yonkers, N. Y.     | de Mercado, Arthur         | Kingston, Jamaica    |
| Barret, William Morris         | Shreveport, La.    | DeMott, Lytle Osmun        | Hackensack, N. J.    |
| Beiswenger, Gustav Adam        | New York City      | Dobrin, Edward Gottlieb    | Hampton, Iowa        |
| Bell, Carl Frederic            | New York City      | Dohrenwend, Henry Albert   | New York City        |
| Bennardo, Thomas               | New York City      | Dong, Tseh                 | Yunnan, China        |
| Berger, William J.             | New York City      | Doubleday, James Stewart   | New York City        |
| Bergman, Raoul Gustin          | New York City      | Dowling, Zack              | Ozark, Ala.          |
| Bernstein, Marshall Menline    | New York City      | Dreyer, Milton             | New York City        |
| Biggs, George Browning         | New York City      | DuBoff, George Jacob       | New York City        |
| Bingham, Addison Baldwin       | New York City      | Egan, John Raymond         | Jersey City, N. J.   |
| Birnbaum, Jacob                | New York City      | Einstein, Nathaniel Silver | New York City        |
| Bliss, John Horace             | New York City      | Ellowitz, Hyman Manning    | Los Angeles, Cal.    |
| Blume, William Richard         | New York City      | Emery, Ralph Christopher   | Hoboken, N. J.       |
| Bodin, Harry Sabbath (H)       | New York City      | Endlich, Emanuel           | Tarrytown, N. Y.     |
| Bodkin, Laurence Griffin       | New York City      | Enklewitz, Morris          | New York City        |
| Bolognesi, Alfonso Louis       | Highland, N. Y.    | Epstein, Harry Herman      | New York City        |
| Bostwick, Wilbur Early         | Arlington, Ga.     | Evans, Thomas Richards     | New York City        |
| Bowen, Raymond Joseph          | Binghamton, N. Y.  | Farr, Daniel David         | Milan, Pa.           |
| Brandeis, Frederic             | New York City      | Fay, George Herbert        | New York City        |
| Bresky, Hillard                | Hudson, N. Y.      | Fein, Jacob Mitchell       | New York City        |
| Brickner, Richard Max          | Rochester, N. Y.   | Feirstein, Samuel          | New York City        |
| Brighton, George Renfrew       | Jersey City, N. J. | Feld Joseph Meyer          | New York City        |
| Broderick, Joseph H.           | Yonkers, N. Y.     | Fennelli, Joseph Pasquale  | New York City        |
| Brunner, Leonard               | New York City      | Fialka, Solomon            | New York City        |
| Brush, Donald Linsley          | New York City      | Finkelstein, Jack          | Spring Valley, N. Y. |
| Bryan, Lloyd Thomas            | Lehigh, Pa.        | Flaumenhaft, Irving        | New York City        |
| Burstein, Julius               | Cleveland, Ohio    | Foland, John Philip, Jr.   | New York City        |
| Calderone, Frank Anthony       | Hempstead, N. Y.   | Fordyce, Addison           | New York City        |
| Callahan, Joseph Leo           | New York City      | Fox, Richard Hassler       | White Plains, N. Y.  |
| Canapary, Francis Joseph       | New York City      | Fraden, William            | New York City        |
| Capillon, Edward Albert        | New York City      | Franciscus, Howard Edwin   | New York City        |
| Carlson, J. Howard             | New York City      | Frank, Samuel              | New York City        |
| Carroll, Philip Francis        | Rosebank, N. Y.    | Franklin, Sidney           | New York City        |
| Carter, Roy                    | Scranton, Pa.      | Freiman, Milton Sidney     | New York City        |
| Chabrowe, John                 | New York City      | Fried, Harry               | New York City        |
| Chaney, Joseph Burton          | New York City      | Funcke, Walter Arthur      | Elberon, N. J.       |
| Chapman, William Lewis, Jr.    | New York City      | Gabe, Harry                | New York City        |
| Chasnoff, Joseph Solomon       | New York City      | Gaines, Harold Mathewson   | Rome, Ga.            |
| Cherkasky, Nathan              | New York City      | Galewski, Conrad           | New York City        |
| Cheung, Yik Tak                | Canton, China      | Gentile, Edward Eugene     | New York City        |
| Chiple, William Galt, Jr.      | Atlanta, Ga.       | Giet, George Robert        | New York City        |
| Clarick, Joseph Jacob          | Elizabeth, N. J.   | Glaser, Benjamin           | New York City        |
| Clark, Edward Thomson          | Oneida, N. Y.      | Glassgold, George          | Woodridge, N. Y.     |
| Clemente, Frank Geoffrey       | New York City      | Globus, Albert             | New York City        |
| Cohen, Benjamin                | Bridgeport, Conn.  | Gluck, Milton              | New York City        |
| Cohn, Arthur B.                | New York City      | Goldman, Moses Alexander   | New York City        |
| Cohn, Richard A.               | New York City      | Gottlieb, Bertram          | Huntington, N. Y.    |
| Coleman, Robert Bruce, Jr.     | Bainbridge, Ga.    | Grant, Malcom McNiell, Jr. | Birmingham, Ala.     |
| Colman, Jacob                  | New York City      | Greenberg, Bernard Richard | New York City        |
| Corn, Philip Alexander         | New York City      | Greenfest, Max (H)         | New York City        |
| Cowie, John Harold             | Buffalo, N. Y.     | Greenhall, Armand Lawrence | New York City        |
| Craske, Harold                 | New York City      | Greenstein, Louis          | New York City        |
| Crocker, Robert Holdridge      | Binghamton, N. Y.  | Gustavson, Harold Gustav   | New York City        |
| Cusack, John Tracy             | New York City      | Hahn, Walter Ferdinand     | New York City        |



|                                 |                           |                             |                      |
|---------------------------------|---------------------------|-----------------------------|----------------------|
| Hale, Robert Lloyd              | Canton, N. Y.             | Lemelson, Lemuel            | New York City        |
| Hallock, Halford                | Leonia, N. J.             | Levine, Leonard             | New York City        |
| Hanssen, Eilif Carl             | New York City             | Levine, Max                 | Chestnut Hill, Conn. |
| Harris, Harvey Richter          | Pittston, Pa.             | Levites, Maurice            | New York City        |
| Harris, Samuel David            | Stamford, N. Y.           | Levitt, Arthur              | New York City        |
| Healy, Edward McGonigle         | New York City             | Levy, Julius                | New York City        |
| Helier, Henry                   | New York City             | Lewy, Sidney Sylvester      | New York City        |
| Henderson, Frederick Whitehouse | Freeport, N. Y.           | Lieberman, David Leon       | New York City        |
| Herbert, Alpha Nathan           | Oakhurst, N. J.           | Lieberman, Nathan           | New York City        |
| Herndon, Henry Newton           | San Antonio, Tex.         | Linder, Harold Francis      | New York City        |
| Hershhorn, Harry (H)            | New York City             | Lipsky, Alexander (H)       | New York City        |
| Hildebrand, Edgar James         | New York City             | Litt, Jack                  | Patchogue, N. Y.     |
| Herman, Donald Warner           | Winsted, Conn.            | Lockhart, Paschal Everett   | Yonkers, N. Y.       |
| Hill, Karl Merl                 | St. Johnsbury, Vt.        | Loehr, John Edgar           | Yonkers, N. Y.       |
| Hirschhorn, Louis               | New York City             | Lowenkopf, Harry Joseph     | New York City        |
| Hodes, James                    | New York City             | Lubetkin, Irving            | New York City        |
| Honsberger, Robert Gordon       | Ontario, Canada           | Lunn, Cyrus William         | Weehawken, N. J.     |
| Horan, Harold Joseph Taaffe     | New York City             | Lutze, Frederick Henry      | New York City        |
| Horowitz, Herman                | New York City             | Lynch, Walter Joseph        | Taunton, Mass.       |
| Hossfeld, George John           | New York City             | Lyon, Kenneth Krancher      | Greenport, N. Y.     |
| Houlahan, James M.              | Mt. Vernon, N. Y.         | McCarthy, Charles Joseph    | New York City        |
| Hritz, John, Jr.                | Hastings-on-Hudson, N. Y. | McCathie, Gordon Wallace    | Port Jervis, N. Y.   |
| Iseron, Harold Roland           | Edgemere, N. Y.           | McCormick, Francis Donald   | New York City        |
| Ives, Robert Milliard           | New York City             | McFadden, James Lyman       | New York City        |
| Jackson, Henry Hull, Jr.        | New York City             | McKnight, Nicholas McDowell |                      |
| Jacobs, Leo                     | New York City             |                             | Rutherford, N. J.    |
| Jacobs, Moses Bud               | New York City             | Machado, Manuel González    | New York City        |
| Johnston, Kelvin                | New York City             | Macnamara, William Patrick  | New York City        |
| Kahn, Laurence Arthur (H)       | New York City             | Macy, George J.             | New York City        |
| Kamil, Morton                   | New York City             | Maduro, Philip Eder         | New York City        |
| Kane, Albert Eli                | New York City             | Malich, Abraham             | New York City        |
| Kaplan Nathaniel                | New York City             | Maltz, Max                  | New York City        |
| Katz, Felix Weinberg            | Kingston, N. Y.           | Mandel, Charles             | New York City        |
| Kayan, Carl Fred                | New York City             | Marchetti, John             | New York City        |
| Kerr, Ralph Waldo Emerson       | New York City             | Markel, Howard              | New York City        |
| Kessler, Donald                 | Huntington, W. Va.        | Markham, Virgil             | New York City        |
| Kienninger, John Frederick      | New York City             | Marks, Irving Edward        | New York City        |
| Kilinski, Edward Anthony        | New York City             | Martin, Herbert Francis     | Sea Cliff, N. Y.     |
| Kirkland, Samuel Noyes          | San Antonio, Tex.         | Matshak, Richard Philip     | New York City        |
| Kirschenmann, John Jacob        | New York City             | Matthews, William Henry     | New York City        |
| Kliatscho, Mark Gordon          | New York City             | Mayers, Hyman LeRoy         | New York City        |
| Koch, Arnold Theodor            | New York City             | Messe, Israel               | New York City        |
| Kohn, Herbert Robert            | New York City             | Milbank, Vinton King        | New York City        |
| Kohn, Max                       | New York City             | Milgram, Joseph Elias       | New York City        |
| Korn, Herman Raymond            | New York City             | Mills, Allan Buxton         | New York City        |
| Krasnoff, Labori                | Union, S. C.              | Monell, Frederick Bronson   | New York City        |
| Krukin, Irving Isidor           | New York City             | Moore, Samuel Russell       | Jackson, Minn.       |
| Kuhn, Bernard Edwin             | Vincennes, Ind.           | Moritz, James H.            | Birmingham, Ala.     |
| Ladin, Paul Munde               | New York City             | Morris, Alan                | New York City        |
| Laguardia, Hector (H)           | New York City             | Morris, David               | New York City        |
| Landeau, Lester Allyn           | New York City             | Morton, Edmund              | New York City        |
| Landesberg, Jack                | New York City             | Mulinos, Michael George     | New York City        |
| Langdon, John                   | New York City             | Mulville, Daniel Anthony    | Passaic, N. J.       |
| Lascoff, Frederick Dudley       | New York City             | Murphy, George Redvers      | Toledo, Ohio         |
| Lawson, Alfred                  | New York City             | Nelsenius, Nelson           | New York City        |
| Lee, Ying Chin                  | Hong Kong, China          | Nelson, Philip Hathaway (H) | Buffalo, N. Y.       |
| Leers, Frank Adolph             | Bogota, N. J.             | Netter, George Edward       | New York City        |
| Le Fevre, Wilson Foss           | Kingston, N. Y.           | Nevin, Elliott James        | New York City        |
|                                 |                           | Newton, Marshall Everett    | Rock Island, Ill.    |



|                               |                     |                               |                           |
|-------------------------------|---------------------|-------------------------------|---------------------------|
| Nichols, Edward Genung        | New York City       | Schulman, Walter Harris       | New York City             |
| Nichols, Howard Breese        | Yonkers, N. Y.      | Schweitzer, William Peter     | New York City             |
| Nichols, J. Clifford          | Chardon, Ohio       | Scimeca, Antonio Adolfo       | New York City             |
| Noorigian, Peniamin           | New York City       | Seltzer, Sidney Cecil         | New York City             |
| Nord, John Murray             | New York City       | Serra, Frank                  | New York City             |
| Nye, Roswell Howard           | Sagamore, Mass.     | Shapiro, Norman               | New York City             |
| Obermeyer, Henry Ernst        | New York City       | Sheerin, Charles Wilford      | New York City             |
| Offner, Mortimer              | New York City       | Shefkowitz, Herman David      | New York City             |
| Osborne, James Walker, Jr.    | New York City       | Sheftel, Julius               | New York City             |
| Pecker, Morris Emanuel        | New York City       | Sherman, Samuel               | New York City             |
| Penn, Albert Nathaniel        | New York City       | Shindler, Max                 | Hurleyville, N. Y.        |
| Peper, John Lewis             | New York City       | Shurberg, Morris              | New Britain, Conn.        |
| Perla, David                  | New York City       | Silbersweig, Ira Murray       | New York City             |
| Phelps, Charles Edward        | Plainfield, N. J.   | Simmons, Conrad Christopher   | New York City             |
| Philipsson, Jerome Sanford    | New York City       | Skora, Isadore                | Evansville, Ind.          |
| Pierce, Edward Tennant        | Hawthorne, N. Y.    | Slafkes, Max                  | New York City             |
| Pill, Edward                  | Sioux City, Iowa    | Small, George Kunkel          | New York City             |
| Plessner, Maurice             | New York City       | Smith, Alfred Richmond        | New York City             |
| Pond, William Hart            | New York City       | Smith, Edward Louis           | New York City             |
| Popovich, Theodore            | New York City       | Snow, William                 | New York City             |
| Popper, Louis Emil            | New York City       | Soff, LeRoy Davenport         | New York City             |
| Potter, Russell Franklyn      | New York City       | Sosa, Joseph Antonio          | Panama City, Panama       |
| Preger, Samuel                | Plainfield, N. J.   | Sproul, Harold Chester        | Passaic, N. J.            |
| Prigohzy, Adolph              | New York City       | Stark, Alexander              | Passaic, N. J.            |
| Proudian, Aram Tovmas         | No. Bergen, N. J.   | Staub, John Albert            | New York City             |
| Rain, Burton Lorenz           | New York City       | Steele, Edward Taylor, Jr.    | Kingston, N. Y.           |
| Rakov, William                | New York City       | Stevenson, William Orick      |                           |
| Rednick, Meyer S.             | New York City       |                               | Antofagusta, Chile, S. A. |
| Riccio, Peter Michael (H)     | New York City       | Stewart, Alvin William        | New York City             |
| Robertson, Curtis             | New York City       | Stewart, Gordon               | Briarcliff Manor, N. Y.   |
| Robison, Milton MacDonald     | Maplewood, N. J.    | Stone, Lyman Casper           | New York City             |
| Roethlisberger, Fritz Jules   | New York City       | Sylvester, Charles Lincoln    | New York City             |
| Rogers, John Frederick        | Poughkeepsie, N. Y. | Taubin, Solomon               | New York City             |
| Rosenfeld, Samuel             | New York City       | Tausend, Solomon Sidney       | New York City             |
| Ross, Mayer Edel              | New York City       | Taylor, William Towson        | New York City             |
| Rotkowitz, Sidney             | New York City       | Tellman, Daniel Hayman        | Patchogue, N. Y.          |
| Rozoff, Benjamin              | New York City       | Thomas, Frank H.              | New York City             |
| Rubin, Arthur Lincoln         | New York City       | Thompson, George Alanson      | Tracy                     |
| Ruffolo, Anthony P.           | New York City       |                               | New York City             |
| Ruschke, Egmont Westy         | New York City       | Thompson, Lawrence Wyckoff    |                           |
| Sackin, Martin Theodore       | New York City       |                               | Jamestown, N. Y.          |
| Sadowsky, Sol Robert          | New York City       | Thompson, Mark Leslie         | London, Ohio              |
| Safir, Israel Crausse         | New York City       | Thurschwell, Harry            | New York City             |
| Safowitz, Charles             | New York City       | Tietjen, Herbert (H)          | New York City             |
| Sage, Robert Henry, Jr.       | Hartsdale, N. Y.    | Todes, Charles                | New York City             |
| Sager, William J.             | New York City       | Tong, Uet                     | Luxora, Ark.              |
| Saiontz, Leon Robert          | Baltimore, Md.      | Tortora, Angelo Joseph        | New York City             |
| Salinas, Urbano               | New York City       | Turkenkopf, Samuel            | Newark, N. J.             |
| Salinger, Benjamin David      | New York City       | Turner, Jacob Hyman Bernard   | New York City             |
| Salmon, Louis Joseph Aloysius | New York City       | Ullman, Jerome Melville       | New York City             |
| Saul, Leon Joseph             | New York City       | Vesell, Moe                   | New York City             |
| Schiff, Isidor                | New York City       | Vincent, Wade Hampton (H)     | New York City             |
| Schindler, Harold             | New York City       | Volmer, August Karl Ferdinand |                           |
| Schmitt, Jacob Francis        | New York City       |                               | New York City             |
| Schnaars, Albert, Jr.         | Haverstraw, N. Y.   | Waentig, Paul Edward          | New York City             |
| Schorr, Adolph                | New York City       | Wagman, William               | New York City             |
| Schorsch, Nathan              | New York City       | Walker, Arthur Lucian         | New York City             |
| Schrage, Benjamin             | New York City       | Walsh, William James          | Newark, N. J.             |
| Schrier, Herman               | New York City       | Walton, Stephen George        | New York City             |

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|--------------------------------|---------------------------|--------------------------------|----------------------|
| Waltzer, Nathan                | New York City             | Beach, Arthur Thomas           | New York City        |
| Warbasse, James Francis        | New York City             | Becker, Arthur Lionel          | New York City        |
| Ward, Harold Lee               | Orchard Lake, Mich.       | Belt, Charles Banks            | New York City        |
| Warshawsky, Samuel Lewis       | New York City             | Becker, Louis                  | New York City        |
| Watts, Stephen Richard, Jr.    | New York City             | Bencoe, Denis                  | New York City        |
| Weber, Morris                  | New York City             | Benedict, Hiram Morrison       | White Plains, N. Y.  |
| Weingart, Robert Arthur        | New York City             | Benedict, Nelson               | New Rochelle, N. Y.  |
| Weintraub, Sidney              | Peekskill, N. Y.          | Berg, Harry William            | New York City        |
| Weiss, Mortimer Harold         | Newark, N. J.             | Bernard, Paul Driscoll         | New York City        |
| Weitzman, Joseph               | New York City             | Biek, George                   | New York City        |
| Wessel, Arthur Louis           | New York City             | Bikoff, Morris                 | New York City        |
| West, Robert Nias              | New York City             | Bilchick, Benjamin             | New York City        |
| Wieser, Benjamin               | New York City             | Bischoff, Charles Frederick    | New York City        |
| Wiggins, Harry Howard, Jr.     | Floral Park, N. Y.        | Blazer, Abraham                | New York City        |
| Wildberg, Jack, Jr.            | New York City             | Bock, George                   | New York City        |
| Winkelstein, Oscar Louis       | New York City             | Bock, George Edward            | New York City        |
| Wolff, Max Jacob               | Worcester, Mass.          | Bodansky, Oscar                | New York City        |
| Worden, Edson Giffen           | New York City             | Boice, William Stephen         | Yonkers, N. Y.       |
| Worden, Fulton Connell         | New York City             | Bolger, Philip Hearn           | New York City        |
| Wyckoff, Alexander             | Leonia, N. J.             | Bolognesi, Arrigo Michael      | Highland, N. Y.      |
| Yaeger, Louis                  | New York City             | DeTeixeira, Pedro Goncalves    |                      |
| Yates, Russell Metzler         | Colorado Springs, Col.    |                                | East Setauket, N. Y. |
| Zellar, George                 | Harrison, N. Y.           | Detmer, Jerome Vincent         | Tarrytown, N. Y.     |
| Zeuner, Frederick Henry        | Hastings-on-Hudson, N. Y. | Dick, Palmer Matthew           | Mt. Vernon, N. Y.    |
| Zinner, Oscar                  | New York City             | Dittmer, Herbert Gerard        | New York City        |
| Zrennan, Thomas Leo            | New York City             | Donecker, Henry Clay           | New York City        |
| Zucker, Saul Joseph            | Newark, N. J.             | Downs, Russell Ernest          | Forestville, Conn.   |
| Zukauckas, Edward William      | New York City             | Dranitzke, Jacob B.            | Patchogue, N. Y.     |
| Zweighaft, James Fabian        | New York City             | Dreshfield, Arthur Charles     | New Rochelle, N. Y.  |
| [384]                          |                           | DuBois, John Coert             | Passaic, N. J.       |
| FRESHMAN—CLASS OF 1922         |                           | Dumper, Henry Alfred, Jr.      | Amityville, N. Y.    |
| Abeloff, Abram Joseph          | New York City             | Dunay, Maurice                 | New York City        |
| Adams, Franklin Parsons        | Central Valley, N. Y.     | Eberhart, Walter Mark          | New York City        |
| Adler, Robert                  | New York City             | Ebstein, Lawrence              | New York City        |
| Albee, Cleveland Quinnam       | Colonia, N. J.            | Ehre, Max                      | Passaic, N. J.       |
| Alper, Abraham Theodore        | Habana, Cuba              | Ehrler, Robert B.              | New York City        |
| Amelkin, Solomon Samuel        | New York City             | Ehrlich, Samuel, Jr.           | New York City        |
| Ames, Paul Sperry              | New York City             | Eilers, Karl Frederic          | New York City        |
| Anders, James Clarence         | Hendersonville, N. C.     | Eisler, Jacob                  | New York City        |
| Anderson, Warren Fuller        | New York City             | Ellis, Sidney Harold           | New York City        |
| Andrews, David Zellner         | New York City             | Bonime, Herbert Daniel         | New York City        |
| Andrews, Joseph Lyon           | New York City             | Born, Harold Lincoln           | New York City        |
| Apfel, Joseph Rufus            | New York City             | Boselli, Emile Henry           | West Hoboken, N. J.  |
| Arbiter, Harold                | New York City             | Bradshaw, John Hammon, Jr.     | Orange, N. J.        |
| Armengol, José Maria           | Mexico City, Mexico       | Brandstein, Philip L.          | New York City        |
| Armstrong, Robert Raymond      | Danbury, Conn.            | Breslauer, Milton Keller       | New York City        |
| Aronwitz, Leo Joseph           | Bayonne, N. J.            | Brice, James Edward, Jr.       | New York City        |
| Austin, Robert Betts, Jr.,     | Baldwin Harbor, N. Y.     | Brigadier, Maurice Chester     | Bayonne, N. J.       |
| Austrian, Samuel               | New York City             | Brinckerhoff, Charles McFarlan | New York City        |
| Bagster-Collins, Ashlyn Hilary | Monitrose, N. Y.          | Brody, Nathan Stephen          | New York City        |
| Bamberg, Herbert August        | Buffalo, N. Y.            | Browde, Joseph Arthur          | New York City        |
| Barbieri, Thomas               | New York City             | Brunor, Martin Anthony         | New York City        |
| Bartha, Nicholas Paul          | New York City             | Burkhardt, Harold              | New York City        |
| Basso, John James              | New York City             | Burtis, Hubert Francis         | Montclair, N. J.     |
| Bauer, Morris Kermit           | New York City             | Burnett, Gerald Bertholf       | Bronxville, N. Y.    |
| Bazinet, John Lahaise          | Glens Falls, N. Y.        | Caeser, David                  | New York City        |
|                                |                           | Cagney, Harry Vincent          | New York City        |

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|---------------------------------|---------------------|-------------------------------|---------------------|
| Campsen, Herman Martin, Jr.     | New York City       | Fineman, Harry                | New York City       |
| Cantini, Raphael                | New York City       | Finkelstein, David            | New York City       |
| Carofiglio, Louis Edward        | New York City       | FitzGibbon, Thomas O'Gorman   | New York City       |
| Carruth, Clarence Uri, Jr.      | New York City       |                               |                     |
| Caruthers, Allen, Jr.           | Winfield, N. Y.     | Fleischman, Frederick, Jr.    | New York City       |
| Carvajal, Jose Antonio, Bogota, | Columbia, S. A.     | Folger, Duncan Campbell, New  | Rochelle, N. Y.     |
| Catalano, Joseph Salvador       | New York City       | Forrest, Wilfred Penn         | New York City       |
| Chamberlain, George             | Maspeth, N. Y.      | Forsyth, Ralph Patterson      | New York City       |
| Chamberlain, William Hale       | Mt. Vernon, N. Y.   | Franzius, Christian Goetz     | New York City       |
| Chmielewski, Louis Bartholomew  | Whitestone, N. Y.   | Freed, Ralph Alan             | New York City       |
|                                 |                     | Freudenheim, Milton Benjamin, | Yonkers, N. Y.      |
| Cho, Pyeng Oak                  | Chun-An, Korea      | Freydberg, Ralph M.           | New York City       |
| Chobot, Robert                  | New York City       | Friedberg, Irving             | New York City       |
| Choey, Boon                     | Bangkok, Siam       | Friedman, Edward              | New York City       |
| Chorba, William                 | New York City       | Friedman, Jacob               | New York City       |
| Ciancimino, Calogero Joseph     | New York City       | Frink, Orrin, Jr.             | New York City       |
| Citron, Louis                   | White Plains, N. Y. | Fritz, Paul Carl              | New York City       |
| Clark, J. Monroe                | White Plains, N. Y. | Gaetaniello, James            | Mt. Kisco, N. Y.    |
| Cleveland, John Marshall        | New York City       | Gagey, Edmond McAdoo          | New York City       |
| Coats, Guy Harold               | New Rochelle, N. Y. | Garrigus, Paul Newton         | New York City       |
| Coen, Eugene Alexandre          | New York City       | Gauss, Philip Adolph          | New York City       |
| Cohen, David                    | Paterson, N. J.     | Gell, Leon                    | New York City       |
| Cohen, Elliot                   | New York City       | Gentner, Joseph Ernest        | Dolgeville, N. Y.   |
| Cohen, Leo Edward               | New York City       | Gialias, George               | New York City       |
| Cohen, Morris Gabriel           | New York City       | Gibbons, Thomas Adrian        | Binghampton, N. Y.  |
| Cohn, Nathan                    | New York City       | Ginzberg, Isidore Isaac       | New York City       |
| Cohon, Jack Herman              | New York City       | Glass, Ameil                  | White Plains, N. Y. |
| Collens, Albert Irwin           | New York City       | Glenn, Henry L.               | New York City       |
| Comellas, James Edward          | New York City       | Goldberg, Isidore             | New York City       |
| Conviser, Max                   | New York City       | Goldblatt, William            | New York City       |
| Cook, Daniel                    | New Rochelle, N. Y. | Golden, Isador Isaac          | New York City       |
| Coqueron, Frederick Gardner     | Mt. Vernon, N. Y.   | Goldman, Edward Prince        | New Rochelle, N. Y. |
|                                 |                     | Goldner, Isidore              | Yonkers, N. Y.      |
| Cox, Edmund Drake Halsey        | Newark, N. J.       | Goldstein, David              | New York City       |
| Cracovaner, Arthur Joseph       | New York City       | Goldstein, George             | Englewood, N. J.    |
| Cracovaner, David John          | New York City       | Goldstein, Mark Rex           | New York City       |
| Cragin, Donald Wilson           | Worcester, Mass.    | Goldstein, Samuel             | New York City       |
| Curnon, George T., Jr.          | New York City       | Goldwater, Henry Arnold       | New York City       |
| Curry, Thomas A.                | New York City       | Gonzalez, Gonzalo             | Lares, Porto Rico   |
| Dan, Julius Martin              | Hurleyville, N. Y.  | Gonzalez-Machado, Manuel      | Holguin, Cuba       |
| De Fronzo, Anthony Frank        | New York City       | Goodelman, Edward             | New York City       |
| deKay, Ormonde                  | New York City       | Goodfriend, Irving Frederick  | New York City       |
| Deller, A. William              | Ridgewood, N. J.    | Goodman, Emanuel              | New York City       |
| Del Monte, Jacques David        | New York City       | Goodman, Edmund Louis         | New York City       |
| Enslow, Ridley Madison          | New York City       | Goodrich, Wilmont Herbert     | New York City       |
| Fankhauser, Arthur              | New York City       | Gordon, Julius                | New York City       |
| Fargo, Francis Frederick        | Warsaw, N. Y.       | Gott, Clarence Pearson        | New York City       |
| Farley, Philip Faulkner         | New York City       | Grace, William Jackson        | New York City       |
| Farley, Edward John             | New York City       | Graubart, Arthur Harrison     | New York City       |
| Fast, Leo Morris                | New York City       | Greenberg, Herman             | New York City       |
| Feder, Arthur                   | New York City       | Greenberg, Jacob Abraham      | New York City       |
| Feinberg, Elliott Milton        | New York City       | Greenfield, Charles           | Suffern, N. Y.      |
| Feldman, Charles                | New York City       | Greenspan, George             | New York City       |
| Feldstein, Benjamin             | New York City       | Greenwald, Irving             | New York City       |
| Ferlano, Frank R.               | New York City       | Gregory, Stanley Frederick    | Kingston, N. Y.     |
| Fernandez, Salvador Encinas     | Santiago, Chile     | Grimshaw, Elliott Morrell     | New York City       |
|                                 |                     | Grossman, Harold              | New York City       |
| Ferris, Irving Edward, Jr. Port | Chester, N. Y.      | Grossman, Lester              | New York City       |
| Feuerman, Solomon               | New York City       | Grumet, Morris Napoleon       | New York City       |



|                                  |                      |                             |                      |
|----------------------------------|----------------------|-----------------------------|----------------------|
| Gruenebaum, Joseph               | New York City        | Kaufman, Theodore           | New York City        |
| Guerriero, P. Arnold             | New York City        | Kaye, Sydney Milton         | New York City        |
| Guterman, Robert                 | New York City        | Keats, George               | Philadelphia, Pa.    |
| Gulick, Walter Le Roy            | Gladstone, N. J.     | Keck, Halbert Wilson        | Flushing, N. Y.      |
| Gwathmey, C. Browne, Jr.         | New York City        | Kenneally, Daniel James     | New York City        |
| Hadden, Alexander                | New York City        | Kennedy, William Howe, Jr.  |                      |
| Habighorst, Ernest Henry         | New York City        |                             | Los Angeles, Cal.    |
| Haebler, William Theodore        | New York City        | Kerr, Fred William          | Port Richmond, N. Y. |
| Hambret, Albert John, Jr.        | New York City        | Kessler, Edwin              | New York City        |
| Hamlin, Southmayd Cooper         |                      | Ketcham, Irving Mortimer    | Glen Head, N. Y.     |
|                                  | Mt. Vernon, N. Y.    | Kidder, James H. T.         | New York City        |
| Hammond, Frederic Prescott, Jr.  |                      | Kirsch, Lewis               | New York City        |
|                                  | New York City        | Kirschbaum, Alvin Edward    | New York City        |
| Hancock, Worthington             | New York City        | Kislak, Samuel              | New York City        |
| Hangwitz, Lucian S.              | New York City        | Klatsky, Martin Max         | New York City        |
| Hanson, Richard Locke            | New York City        | Klein, Marcus               | New York City        |
| Hammond, William                 | New York City        | Kley, Frank                 | New York City        |
| Harbaugh, Donald Lucian          | Cleveland, Ohio      | Klingenstein, Perry         | New York City        |
| Harburger, Richard Ludwig        | New York City        | Klopper, Donald             | New York City        |
| Harris, Jacob                    | New York City        | Knox, Robert Kenneth        | New York City        |
| Hart, Morgan Drake               | Richmond, Va.        | Kohlhepp, Adam John         | New York City        |
| Hartnagel, Arthur Charles        | Lyons, N. Y.         | Kopp, Mortimer              | New York City        |
| Hartung, Harold Cronkite         | New York City        | Kopper, Harry               | Yonkers, N. Y.       |
| Hassinger, John Herbert          | Pelham Manor, N.Y.   | Kornzweig, Abraham Leon     | New York City        |
| Heistein, William Harold         | New York City        | Kosman, Joseph              | New York City        |
| Heller, Gerald David             | New York City        | Kowolsky, Joseph Jack       | New York City        |
| Hensle, Charles William          | Mt. Vernon, N. Y.    | Kroopf, Milton              | New York City        |
| Herckmans, Alfred                | New York City        | Kruger, Max Henry           | New York City        |
| Herman, Alexander                | New York City        | Krulevitch, Daniel Webster  | New York City        |
| Herzog, Arthur Sidney            | New York City        | Kuklin, Norman              | New York City        |
| Hicks, Alfred Hallett            | New York City        | Kushner, Alexander          | New York City        |
| Higgins, Walter                  | New York City        | Laguardia, Arnaldo          | New York City        |
| Hill, Wallis G.                  | New York City        | Lambert, John Ronald        | New York City        |
| Hisazumi, Hisakichi              | Fukui City, Japan    | Landau, Henry               | New York City        |
| Hodnett, Edward                  | Bay Shore, N. Y.     | Lautman, Solomon            | Jersey City, N. J.   |
| Holslay, Russell Clark           | New York City        | Lawrence, George James, Jr. | New York City        |
| Holtz, Edward                    | New York City        | Lawton, George Roy          | New York City        |
| Housley, Burton Ewart            | New York City        | Leavitt, Charles Stuart     | New York City        |
| Howe, Ward Allan                 | Franklinville, N. Y. | Lee, Baldwin                | New York City        |
| Huber, Frank                     | New York City        | Lefkowitz, Leo              | New York City        |
| Hughes, Harold Scott             | Albany, N. Y.        | Lendhan, James Kent         | Wilkes-Barre, Pa.    |
| Hurwitz, Harry                   | New York City        | Levine, Isaac Bertram       | New York City        |
| Ingalls, Donald Woodbury         | Canastota, N. Y.     | Levy, Felix Ury             | New York City        |
| Jacobsen, Max Samuel             | New York City        | Lewinson, Paul Lindenthal   | New York City        |
| Jacobson, Ralph                  | New York City        | Lewis, Isidor               | New York City        |
| Jacoby, Charles Theodore         | New York City        | Lewis, John Barbey          | New York City        |
| Jacoby, Oswald Nathaniel, Jr.    | New York City        | Lief, A. Richard            | New York City        |
| Jaffe, Godfrey Julian            | New York City        | Lincoln, Richard            | New York City        |
| Jamieson, Sanford Gilman         | New York City        | Lindsay, James Donald       | New York City        |
| Johnson, Herbert Thomas          | New York City        | Lockhart, Morrell Stuart    | New York City        |
| Jones, Carroll Hudson Tunncliffe |                      | Luquet, Lea Shippen         | Mt. Kisco, N. Y.     |
|                                  | New York City        | Lynes, Duryee Wilson, 2nd   | New York City        |
| Joseph, Charles Mortimer         | New York City        | Lyons, Alfred Labori        | New York City        |
| Kadlubowsky, Abraham             | New York City        | McCabe, Frank, Jr.          | New York City        |
| Kamber, Robert, Jr.              | New York City        | McCauley, John Bernard, Jr. | New York City        |
| Kaplan, Abraham                  | New York City        | McDonald, Michael Dougherty | Elmira, N. Y.        |
| Karnow, Philip                   | New York City        | McGrath, James Corish       | New York City        |
| Kaufman, Abraham Kane            | New York City        | McKee, David William        | Cranford, N. J.      |
| Kaufman, Adolph                  | New York City        | Maged, Abraham              | Suffern, N. Y.       |



|                             |                     |                              |                         |
|-----------------------------|---------------------|------------------------------|-------------------------|
| Magraw, Ralph Barstow       | St. Paul, Minn.     | Pine, Meyer                  | New York City           |
| Mahar, William Joseph       | White Plains, N. Y. | Pinkus, Leo Julius           | New York City           |
| Maletzky, Benjamin Charles  | Amsterdam, N. Y.    | Plant, Richard Laurance      | New York City           |
| Mandel, Henry S.            | New York City       | Polk, Aaron                  | New York City           |
| Mandell, Austin             | Forest Hills, N. Y. | Preisman, Albert             | New York City           |
| Manheim, Leonard Falk       | New York City       | Prentiss, Guernsey Davenport |                         |
| Mann, Ferdinand             | New York City       |                              | Croton-on-Hudson, N. Y. |
| Maneson, Abraham Samuel     | New York City       | Prosser, Roger Derby         | Englewood, N. J.        |
| Manshel, Milton Maximilian  | Newark, N. J.       | Pyle, Robert James           | Mt. Vernon, N. Y.       |
| Marcus, Jacob Thomas        | New York City       | Race, Oscar M.               | New York City           |
| Marcus, Robert David        | New York City       | Radin, George                | Newark, N. J.           |
| Margolis, Max Henry         | New York City       | Radin, Leon Irving           | New York City           |
| Markun, Leo                 | New York City       | Rakov, Leo                   | New York City           |
| Martinez, Joseph            | New York City       | Rambusch, Viggo Frode Edward |                         |
| Marx, John                  | Avenel, N. J.       |                              | New York City           |
| Matthews, James Aloysius    | Glen Cove, N. Y.    | Rappaport, Arthur Seymour    | New York City           |
| Mayer, Oscar Edwin          | New York City       | Ratner, Hyman                | Mountaintdale, N. Y.    |
| Mayer, Seymour Willard      | New Rochelle, N. Y. | Raymond, Marshall Donald     |                         |
| Meany, Norman V. Y.         | New York City       |                              | New Rochelle, N. Y.     |
| Meder, Albert Eugene, Jr.   | New York City       | Reed, Gilbert Nelson         | New Rochelle, N. Y.     |
| Mehldan, Henry Arnold       | New York City       | Reich, Sidney                | New York City           |
| Mencher, William Harry      | New York City       | Reich, Sidney Willaim        | New York City           |
| Mendlowitch, Sidney Zoltan  | New York City       | Reimer, Edward Hawke         | New York City           |
| Menge, Carl Henry           | Cresskill, N. J.    | Relyea, Harold Arthur        | Oneonta, N. Y.          |
| Merckens, August Ernest     | Westwood, N. J.     | Rice, William Jacob          | New York City           |
| Meyerhoff, William Irving   | New York City       | Richman, Harry               | New York City           |
| Migliore, Salvatore         | Nyack, N. Y.        | Richenbacher, Rufus John     | Newark, N. J.           |
| Minrath, William Richard    | New York City       | Robbins, Jacob Mark          | New York City           |
| Morein, Samuel              | Gloversville, N. Y. | Robertson, Cameron Albro     | New York City           |
| Morson, William Taylor      | New York City       | Robinton, George Bernhard    | New York City           |
| Moszczenski, Carl Richard   | New York City       | Rodenberg, Jerome Jacob      | New York City           |
| Muessen, Anton Sylvester    | Woodmere, N. Y.     | Rolland, Richard Hugo        | New York City           |
| Muth, George Franklyn       | Yonkers, N. Y.      | Romanoff, Alfred             | New York City           |
| Nahon, Ralph                | New York City       | Ronkin, Cassel               | New York City           |
| Newbaker, Charles Roman     | New York City       | Ros, Salvador                | New York City           |
| Nizer, Louis                | New York City       | Rosenbaum, Samuel Seide      | New York City           |
| Norris, Donald Merton       | New York City       | Rosenwald, Edward John       | New York City           |
| Oehmsen, Henry Nicholas     | Harrison, N. Y.     | Rosenwasser, Ralph Joseph    | New York City           |
| Onorato, Victor Martin      | New York City       | Roth, Frank                  | New Rochelle, N. Y.     |
| Oltarsh, Martin             | New York City       | Rothbard, Samuel Lawrence    | Newark, N. J.           |
| Opoznauer, Herbert Jack     | New York City       | Rothenberg, George           | New York City           |
| Ostrinsky, David            | New York City       | Rothman, Herman Harold       | New York City           |
| Park, James C.              | Nyack, N. Y.        | Rouss, Adrian Spencer        | New York City           |
| Partridge, Mason Harry, Jr. | New York City       | Rowan, Edward Harold         | New York City           |
| Pascal, Victor              | New York City       | Sacken, George               | New York City           |
| Paschkes, Marks Frank       | New York City       | Saffer, William              | New York City           |
| Pasvolsky, Valentine        | Bergenfield, N. J.  | Salzberg, Louis              | New York City           |
| Patatoff, Abraham Lawrence  | New York City       | Saunders, Goddard Weld       | New York City           |
| Paul, John Harland          | Tracy, Minn.        | Sawyer, Charles Edward       | New York City           |
| Pauli, Wolfgang Frederick   | Roselle, N. J.      | Scalise, Anthony Joseph      | New York City           |
| Paulsen, John James         | Gilbertsville, Pa.  | Schaefer, Rockwell Bernard   | New York City           |
| Peck, Samuel Milton         | New York City       | Schaeffer, Adolph            | New York City           |
| Pendleton, George LeVaughn  |                     | Schmith, Abraham I.          | New York City           |
|                             | Mt. Vernon, N. Y.   | Schoonhoven, George Otis     | New York City           |
| Pentz, Herbert              | New York City       | Schnur, Jacob                | New York City           |
| Perlow, Samuel              | New York City       | Schrecker, Ulrich            | New York City           |
| Petruzzi, Hugo Richard      | Bronxville, N. Y.   | Schuh, Charles Herman        | Flemington, N. J.       |
| Picker, Lawrence Fred       | New York City       | Schwarz, Arthur Donald       | Rochester, N. Y.        |
| Pierson, Sterling           | New York City       | Schwarz, Leo W.              | New York City           |

|                             |                        |                               |                    |
|-----------------------------|------------------------|-------------------------------|--------------------|
| Schwarzschild, Myron        | New York City          | Wacker, Harold Gerding        | New York City      |
| Scovill, Aubrey Earle       | New York City          | Waechter, Herman Paul         | New York City      |
| Scovill, Francis Kessler    | New York City          | Waldecker, Sydney Clarence    | New York City      |
| Seeley, Robert Charles      |                        | Walker, Matthew               | New York City      |
| West Hampton Beach, N. Y.   |                        | Walsh, James Richard, Jr.     | New York City      |
| Selig, Ambrose              | New York City          | Walther, John Batholomew      | Mt. Vernon, N. Y.  |
| Serber, Gilbert Mortimer    | Chappaqua, N. Y.       | Warsher, Adolph               | New York City      |
| Settle, William Jerome      | New York City          | Wartels, Lester               | New York City      |
| Shafroff, Harry Aaron       | New York City          | Wartels, Nathan               | New York City      |
| Sharp, Rexford Wordsworth   | Madison, N. J.         | Watson, Lester Richard        | New York City      |
| Sherwin, Oscar              | New York City          | Weill, David Andrew           | New York City      |
| Shultz, William John        | New York City          | Weiner, Milton Emanuel        | New York City      |
| Siegel, Abraham Vincent     | Yonkers, N. Y.         | Weinstein, David              | New York City      |
| Silberberg, Morris          | New York City          | Weintraub, Solomon            | New York City      |
| Silberblatt, Sidney Shepard | New York City          | Weisel, Jeffery Howard        | New York City      |
| Slonimsky, David            | New York City          | Weiss, David                  | New York City      |
| Smith, David Henry          | New York City          | Weiss, Milton                 | New York City      |
| Smith, Harris Kohlman       | New York City          | Weltner, George               | New York City      |
| Sobel, Irwin Philip         | New York City          | Weltz, Samuel                 | New York City      |
| Sobel, Menahem              | New York City          | Werb, Louis                   | New York City      |
| Solarz, Benjamin            | New York City          | Whitney, Lloyd Harrison       | Stamford, Conn.    |
| Somerdin, Harry             | New York City          | Widenmann, Georg August       | Hoboken, N. J.     |
| Spence, Lewis Andrew        | New York City          | Wilensky, Nathan William      | New York City      |
| Spence, Malcolm Christie    | New York City          | Wilks, Hammil Vincent         | New York City      |
| Spiegelman, Henry Archibald | New York City          | Willard, Paul Fiske           | New York City      |
| Spielman, Frank             | New York City          | Williams, Frederic Allen, Jr. | New York City      |
| Spiller, Jesse Bernard      | New York City          | Williams, Vernon Phillips     | Minneapolis, Minn. |
| Spring, William Julian      | New York City          | Willson, Allan B.             | Mt. Vernon, N. Y.  |
| Sprung, Benjamin            | New York City          | Wiman, Frank                  | New York City      |
| Sprung, Charles             | New York City          | Wineburgh, Henry Harold       | New York City      |
| Squires, Warren Merifield   | New York City          | Wise, Robert Alexander        | Los Angeles, Cal.  |
| Standard, Samuel            | Ellenville, N. Y.      | Wisoff, Percy                 | New York City      |
| Standard, William Louis     | Colchester, Conn.      | Wolf, Ralph                   | New York City      |
| Steffens, Charles Dietrich  | New York City          | Wolfson, Philip               | New York City      |
| Sternfels, Martin Morris    | New York City          | Wolfson, Seymour Hjalmar      | New York City      |
| Stessel, Morris Louis       | New York City          | Worcester, Maurice Bedell     | Huntington, Ind.   |
| Stewart, William Robert     | New York City          | Worth, Benjamin               | New York City      |
| Stockhammer, Fabian         | New York City          | Wright, Frederic Emerson, Jr. | New York City      |
| Sugerman, Isaac             | New York City          | Wright, J. McClelland         | New York City      |
| Susman, Victor Samuel       | New York City          | Zaretzki, Joseph              | New York City      |
| Swahn, Alfred Darrigrand    | New York City          | Ziegler, Nicholas Alexander   | New York City      |
| Sweet, Hogarth Stuart       | Mt. Vernon, N. Y.      | Zohn, Benjamin                | New York City      |
| Tedford, James Stephen      | New York City          |                               |                    |
| Teiger, Joseph              | New York City          |                               |                    |
| Textor, Arthur Reynolds     | New York City          |                               |                    |
| Todd, James Dixon           | New York City          |                               |                    |
| Tower, William Burchard     | New Rochelle, N. Y.    |                               |                    |
| Trapasso, Anthony Joseph    | White Plains, N. Y.    |                               |                    |
| Troiano, John Luke          | Norwalk, Conn.         |                               |                    |
| Trowbridge, George Phillips | New York City          |                               |                    |
| Turney, Robert Morgan       | Ridgefield Park, N. J. |                               |                    |
| Twiss, John Russell         | Salt Lake City, Utah   |                               |                    |
| Ullman, Leon Meyer          | Buffalo, N. Y.         |                               |                    |
| Van Horn, Prescott          | Peekskill, N. Y.       |                               |                    |
| Van Zandt, William Wynant   | New York City          |                               |                    |
| Verrilli, Emil              | New York City          |                               |                    |
| Villari, Anthony            | New York City          |                               |                    |
| Vinski, Joseph Jerome       | New York City          |                               |                    |
| Voorhees, Alston Leonard    | Newton, N. J.          |                               |                    |

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## NON-MATRICULATED STUDENTS

|                            |                     |
|----------------------------|---------------------|
| Albert, Harry              | New York City       |
| Andriopoulos, Nicholas     | New York City       |
| Angus, William Newton      | New York City       |
| Armstrong, Robert Helms    | New York City       |
| Arnason, Gaus              | Reykjavik, Iceland  |
| Astrosky, Ralph            | New York City       |
| Astrom, Algot              | New York City       |
| Baird, William Gordon      | Shreveport, La.     |
| Baker, Walter Song         | Towanda, Pa.        |
| Baldwin, Charles Booth     | Derby, Conn.        |
| Benedict, Russell Sherwood | New York City       |
| Bernknopf, Gustave Morton  | New York City       |
| Bistrong, Louis            | New York City       |
| Blanchet, Wilfrid Loyola   | South Orange, N. J. |
| Blumberg, Nathan Benjamin  | Savannah, Ga.       |

|                               |                     |                             |                     |
|-------------------------------|---------------------|-----------------------------|---------------------|
| Bone, Arthur Howard           | Dunmore, Pa.        | Jané, José Nicolás, Jr.     | New York City       |
| Bonner, Walter Farrington     | Montclair, N. J.    | Jelliffe, Smith Ely, Jr.    | New York City       |
| Bryant, Nathaniel             | Rahway, N. J.       | Jennings, Philip Herman     | New York City       |
| Burt, Charles Arthur          | South Orange, N. J. | Johnstone, Willard          | Washington, D. C.   |
| Bushfield, George Irving      | Stanton, N. J.      | Katz, Mordechai             | New York City       |
| Camp, Charles Wellner         | Irvington, N. J.    | Kelsey, Clark Bertel        | Milwaukee, Wis.     |
| Campbell, Ronald              | Ardley, N. Y.       | Kemble, Edmund, Jr.         | Hoboken, N. J.      |
| Caples, John Richard          | New York City       | Koppel, Sidney Beck         | Bloomfield, N. J.   |
| Chaput, Girard Raoul          | Holyoke, Mass.      | Kraut, Jacob                | New York City       |
| Christopher, Harold           | New York City       | Krech, Shepard              | New York City       |
| Christophersen, Carl Fritjof  | Arlington, N. J.    | Lamb, Joseph Condie         | New York City       |
| Chrystal, Albert Francis      | Hackensack, N. J.   | Lance, Leroy Hildebrandt    | Oldwick, N. J.      |
| Church, Alfred Madison        | New York City       | Lange, Carvel Horatio       | Hoboken, N. J.      |
| Church, David Alden           | New Rochelle, N. Y. | Leighton, Henry Kayser      | Monadnock, N. H.    |
| Coon, Horace Campbell         | Glen Ridge, N. J.   | Lennstrand, John Guy        | New York City       |
| Cooper, Ralph Dewey           | New York City       | Levi, Malcolm Benjamin      | New York City       |
| Cricher, Aaron Lane           | New York City       | Levin, Alexander            | Springfield, Mass.  |
| D'Aiutolo, Alberico           | Montevideo, Uruguay | Lieberman, Herman Matia     | New York City       |
| Danihy, Howard Francis        | New York City       | Longwell, Daniel            | Omaha, Neb.         |
| Davis, Edward                 | New York City       | Lundgren, Roy George        | New York City       |
| DeMille, John Blakeney        | Rutherford, N. J.   | McCormick, Charles Adam     | New York City       |
| Diamond, Jacob                | New York City       | McEntegart, Thaddeus F.     | New York City       |
| Dietz, Philip Eugene          | New York City       | McFarlane, David Eugene     | New York City       |
| Donahue, William Lawrence     | New York City       | McMannis, Edward James      | New York City       |
| Donovan, Arthur Bland         | Concord, N. H.      | Macomber, Willard Gilbert   | Rutherford, N. J.   |
| Dostron, Victor George        | New York City       | Maloney, Martin Joseph      | Scranton, Pa.       |
| Dunne, Robert Cartwright      | New York City       | Marceau, Henri Gabriel      | New York City       |
| Durham, Edwin Arthur          | Garden City, N. Y.  | Matthews, Edward Tallott    | New York City       |
| Eagle, Isaac Leon             | Newton, Miss.       | Morgan, David Percy         | New York City       |
| Edwards, Harold Marion        | New York City       | Morgan, Harry Ivan          | Shreveport, La.     |
| Emery, William Harrison, Jr.  | Bradford, Pa.       | Mulford, Virgil Arthur      | Elizabeth, N. J.    |
| Erickson, Howard Willing      | Hoboken, N. J.      | Muller, Nelson James        | New York City       |
| Faunce, William Kenneth       | New York City       | Myer, Lloyd Stanley         | Ridgewood, N. J.    |
| Ferriss, Francis              | Madison, N. J.      | Nathabanza, Luang           | Bangkok, Siam       |
| Fitzpatrick, Daniel Edward    | Murray Hill, N. J.  | Nieh, Chi Ying              | Shanghai, China     |
| Frost, William Pepperell      | New Rochelle, N. Y. | Oldham, Edward Wade         | New York City       |
| Gahman, Floyd                 | Craigville, Ind.    | Peck, Gustav                | New York City       |
| Garrett, Joseph Robert        | Jersey City, N. J.  | Phillips, Samuel S.         | New York City       |
| Gately, Joseph Alphonsus, Jr. | Dorchester, Mass.   | Plante, Amos Alexander      | Mooers Forks, N. Y. |
| Gesner, Gaston Blache         | Ridgewood, N. J.    | Polowetski, David           | New York City       |
| Gilman, Charles Malcolm       | Newark, N. J.       | Precht, Henry               | New York City       |
| Goettelmann, John             | Union Hill, N. J.   | Quail, Willard Earl         | New York City       |
| Goldberg, Jay Kermit          | New York City       | Riker, Donald Bertram       | East Orange, N. J.  |
| Goode, Francis Cardozo        | New York City       | Robbins, Abe Leigh          | New York City       |
| Greenberger, Maxwell Morris   | Bayonne, N. J.      | Romaine, Victor             | New York City       |
| Greene, Francis Martin        | New York City       | Ruperti, Justus Oscar       | New York City       |
| Greene, William Sherman, Jr.  | East Orange, N. J.  | Rydel, Evert Richard        | Arlington, N. J.    |
| Grosset, Alexander Donald     | Riverside, Conn.    | Schenbaum, Maurice          | New York City       |
| Guild, Baldwin                | Newark, N. J.       | Schluter, Frederick Edward  | New York City       |
| Guinness, William Freeman     | Yonkers, N. Y.      | Schmidt, Walter Herman      | New York City       |
| Harriss, Charles Morgan       | New York City       | Schoenemann, Oscar Paul     | New York City       |
| Heinrichs, Charles Emil       | New York City       | Schoening, Frederick Conrad | New York City       |
| Herpich, George Archibald     | Elizabeth, N. J.    | Schorsch, Emanuel Isaac     | New York City       |
| Higley, Walter Maydole        | Norwich, N. Y.      | Schwartz, Walter M.         | New York City       |
| Hoagland, Hudson              | Rockaway, N. J.     | Schwepe, Henry Irving       | San Antonio, Tex.   |
| Houser, Charles MacMillan     | Nicholson, Pa.      | Scott, Myron Lewis          | Kearney, Neb.       |
| Irving, Ira Medzigyan         | Scranton, Pa.       | Simmons, Franklin Coleman   | Montclair, N. J.    |
|                               |                     | Simon, Charles Sigmund      | New York City       |
|                               |                     | Simpson, Jack Becket        | Gainesville, Tex.   |

|                            |                     |                               |                      |
|----------------------------|---------------------|-------------------------------|----------------------|
| Smith, Thomas Harvey       | New York City       | Weinberger, Harold Livingston | Plainfield, N. J.    |
| Sparks, Walter Frank       | Dinero, Tex.        | Wentworth, William Orin       | New York City        |
| Stanwood, Robert Hewitt    | Montclair, N. J.    | Wesch, Alfred Harold          | New York City        |
| Stewart, Paul Atwood       | Reinbeck, Iowa      | Wescott, William Clifford     | Atlantic City, N. J. |
| Stewart, Robert Bowman     | New York City       | Wesley, Walter Francis        | Holyoke, Mass.       |
| Stier, Kenneth Alan        | New York City       | Westermann, Clayton Jacob     | Chicora, Pa.         |
| Stumpp, George Otto        | East Orange, N. J.  | Willey, Frederick Parker      | New York City        |
| Tannenbaum, Frank          | Bayonne, N. J.      | Wilson, Matthew Logan         | New York City        |
| Tartakow, Isaac Jackson    | New York City       | Yassukovitch, Dimitry         | New York City        |
| Tewksbury, Donald George   |                     | Yip, Ling Hoi                 | Havana, Cuba         |
|                            | New Haven, Conn.    | Zavatt, Joseph Carmine        | Lawrence, N. Y.      |
| Tobin, George Scott        | New York City       | [163]                         |                      |
| Toole, Charles Edward      | Geneseo, N. Y.      |                               |                      |
| Tower, George Warren       | New Rochelle, N. Y. |                               |                      |
| Traub, John Emil           | New York City       |                               |                      |
| Turk, Solon William        | Purcell, Okla.      |                               |                      |
| Tyner, Richard Howard      | Canandaigua, N. Y.  |                               |                      |
| Vado, Ignacio Victor       | New York City       |                               |                      |
| Valentine, Charles A.      | New York City       |                               |                      |
| Webster, Carlos Green, Jr. | New York City       |                               |                      |
| Weigel, Eugene John        | Cleveland, Ohio     |                               |                      |
| Weiler, Reginald Bernard   | New York City       |                               |                      |

## CANDIDATES

## SUMMARY

|                        |       |
|------------------------|-------|
| Candidates for degree: |       |
| Seniors                | 206   |
| Juniors                | 212   |
| Sophomores             | 384   |
| Freshmen               | 523   |
| Non-matriculantes      | 163   |
| Total                  | 1,488 |



# REGISTER OF STUDENTS

## STUDENTS' ARMY TRAINING CORPS AND NAVAL UNIT

|                                          |                     |                                   |                     |
|------------------------------------------|---------------------|-----------------------------------|---------------------|
| Abbott, Furman Smith                     | Newark, N. J.       | Arnheim, Ernest Emanuel           | New York City       |
| Abel, Philip                             | New York City       | * Arnold, Frank William           | New York City       |
| Abrahams, Henry Brash                    | New York City       | Aronowitz, Leo Joseph             | Bayonne, N. J.      |
| Abrahams, Irving Milton                  | New York City       | * Aronson, Paul Lawrence          | New York City       |
| Abrahamson, Axel Edward                  | New York City       | Arpin, Leo Theodore               | New York City       |
| Abramson, Harold                         | New York City       | Asch, Joseph                      | New York City       |
| Abramson, Harold Alexander               | New York City       | Asch, Russell                     | New York City       |
| * Ackerman, John                         | New York City       | Ascher, Charles Stern             | New York City       |
| Ackerman, Richard V.                     | Allendale, N. J.    | Aston, Albert                     | New York City       |
| Adae, Charles Flamen Ball                | New York City       | L.L.B., 1908; A.B., Yale, 1905    |                     |
| Adams, Earl Fenton                       | Elizabeth, N. J.    | Astrom, Algot                     | New York City       |
| Adams, Forest Raymond                    | Almond, N. Y.       | Atha, Arthur Albert               | New York City       |
| Addoms, Robert Matile                    | Cranford, N. J.     | Auerbacher, Louis James           | South Orange, N. J. |
| Adelman, Saul                            | New Britain, Conn.  | Augenstern, Harry                 | New York City       |
| Adler, Morris                            | New York City       | d'Aubly, Guy                      | New York City       |
| * Adler, Philip                          | New York City       | Austin, Reginald Algernon         | New York City       |
| A.B., College of the City of N. Y., 1918 |                     | Austin, Robert Betts, Jr.         | New York City       |
| Aebli, Rudolph                           | West Hoboken, N. J. | Axford, Clinton Burgess           | Rutherford, N. J.   |
| Aiken, John Francis                      | New York City       | Ayres, Charles Wendell            | Bennington, Vt.     |
| Akelmacher, George                       | New York City       | Phar. G., Coll. of Pharmacy, 1907 |                     |
| Albert, Harry                            | New York City       | Baack, Ernest C.                  | Hoboken, N. J.      |
| * Albright, Andrew, 3d                   | Newark, N. J.       | Babbin, Abraham                   | New York City       |
| * Alford, Herbert Watson                 | New York City       | * Babcock, William Evelyn, Jr.    | Englewood, N. J.    |
| Alford, William John, Jr.                | New York City       | Bachkoff, Jacob                   | New York City       |
| A.B., Yale, 1913                         |                     | * Bachrach, Alfred Ralph          | New York City       |
| Allison, Elmer Roy                       | Peekskill, N. Y.    | Baer, Laurence Henry              | Nyack, N. Y.        |
| Alter, Frederick                         | Elizabeth, N. J.    | Bagster-Collins, Ashlyn Hilary    | Montrose, N. Y.     |
| Alterman, Lewis Bennett                  | New York City       | Bahrenburg, Trevor Mangels        | New York City       |
| Altman, Herz                             | New York City       | Bailey, Lionel Holmes             | New York City       |
| Amdur, Leon                              | New York City       | Bailey, Wiltse Knapp, Hopewell    | Junction, N. Y.     |
| * Amdur, Morris                          | New York City       | Baillie, Gilbert Francis          | New York City       |
| Amill, Luis Antonio                      | Mayaguez, P. R.     | Baird, William Gordon             | Shreveport, La.     |
| Amos, Harold Curtice                     | Newark, N. J.       | Baker, Laurence Kip               | Yonkers, N. Y.      |
| A.B., Rutgers Coll., 1912; A.M., 1915    |                     | Baker, Walter Long                | Towanda, Pa.        |
| * Amendola, Roy Victor                   | New York City       | * Baldridge, Anthony Octavius     | Russell             |
| Anderson, Carl Albert                    | Bethel, Conn.       |                                   | Jersey City, N. J.  |
| * Anderson, Ewen Cameron                 | New York City       | * Balestro, Louis Michael         | New York City       |
| Anderson, Lawrence A.                    | New York City       | Balson, Zachary David Boris       | Newark, N. J.       |
| Anderson, Oscar John E.                  | New York City       | Barasch, Joseph                   | New York City       |
| Anderson, Robert Norman                  | Yonkers, N. Y.      | Barber, Harold Cornelius          | New York City       |
| Anderson, Warren Fuller                  | New York City       | Barish, Thomas                    | New York City       |
| Andreaccio, William                      | Hoboken, N. J.      | B.S., 1917                        |                     |
| Andrews, David Zellner                   | New York City       | * Barnes, F. A. Duncan            | Hoboken, N. J.      |
| Anguist, Harry                           | New York City       | Barnes, Richard Lee               | Portland, Ore.      |
| Appell, Paul Harry                       | Bristol, Conn.      | Baron, Maurice                    | New York City       |
| Archinal, Walter John                    | New York City       |                                   |                     |
| * Argueso, Luis Manuel                   | New York City       |                                   |                     |

\* Indicates members of the Naval Unit.

|                               |                         |                                              |                        |
|-------------------------------|-------------------------|----------------------------------------------|------------------------|
| Barr, Bernard Solomon         | New York City           | Bernstein, Leicester Theodore                | New York City          |
| Baruch, Milton Stanley        | New York City           | A.B., Harvard, 1904                          |                        |
| Baschkopf, Jesse William      | New York City           | Bernstein, Lester                            | New York City          |
| Bassett, Arthur Church        | Bridgewater, Mass.      | Bernstein, Louis George                      | New York City          |
| Batten, Augustus George       | New York City           | LL.B., New York Univ., 1917                  |                        |
| Bauer, Clarence Eugene        | Elizabeth, N. J.        | Bernstein, Philip                            | Newark, N. J.          |
| * Bauman, Maney Milton        | Port Chester, N. Y.     | Berow, Aaron A.                              | New York City          |
| * Bayles, Westley Hunt, Jr.,  | East Orange, N. J.      | Bersin, Alexander Bernard                    | New York City          |
| Bazinet, John Lahoise         | Glens Falls, N. Y.      | Berwick, William Evans                       | New York City          |
| Bazur, David                  | New York City           | Bessie, Everett Mortimer                     | New York City          |
| Bearden, Ralph Leroy          | New York City           | Beuerman, R. John                            | New York City          |
| Beatty, Peter Franklin        | Chicora, Pa.            | Biederman, Martin                            | New York City          |
| Beautian, George Henry        | Hempstead, N. Y.        | Bierenbach, Joseph                           | New York City          |
| Becker, Alfred Rutherford     |                         | * Bierschenk, Frederick Peter                | New York City          |
|                               | Callicoon Center, N. Y. | Biggs, George Browning                       | New York City          |
| LL.B., N. Y. Law School, 1918 |                         | Birnbaum, Max George                         | New York City          |
| Becker, Harold Randolph       | New York City           | Bistrong, Louis                              | New York City          |
| * Becker, Louis               | New York City           | Bitzer, George L., Jr.                       | New York City          |
| Becker, Sanford               | New York City           | Black, James Aloysus                         | New York City          |
| Becker, Walter Hugo           | New York City           | Black, Philip                                | New York City          |
| * Beckley, Charles Henry      | Hartsdale, N. Y.        | Blackman, Irvin Nathan                       | New York City          |
| Beckmann, George Michael      | New York City           | A.B., 1918                                   |                        |
| Beedenbender, Harry Leonard   |                         | Blake, Donald DeVoe                          | Tarrytown, N. Y.       |
|                               | West Fort Lee, N. J.    | * Blanchet, Wilfred Loyola                   | South Orange, N. J.    |
| Beer, Andrew Edward           | Weehawken, N. J.        | Blank, William A.                            | New York City          |
| Begg, Frank Wheaton           | New York City           | LL.B., Lawrence Univ., 1918                  |                        |
| Behrend, Morris D.            | Jersey City, N. J.      | Blechman, Elias                              | New York City          |
| Belanus, Matthew              | Paterson, N. J.         | * Bliss, John Horace                         | New York City          |
| Bell, John Eiler              | Passaic, N. J.          | * Bloch, Emil William                        | New York City          |
| Bellinger, Ralph Andrew       | Miami, Ariz.            | * Bloch, Monroe                              | New York City          |
| Belsky, Max                   | New York City           | Block, Benjamin Farber                       | Butler, N. J.          |
| Belt, Charles Banks           | New York City           | Bloise, Francis Isabelino                    | Guayama, Porto Rico    |
| Belth, George                 | New York City           | Bloomberg, Alfred Harry                      | New York City          |
| Bender, Arthur                | Freeport, N. Y.         | A.B., C. C. N. Y., 1902                      |                        |
| Benedict, Frederic Parkhurst  | Arlington, N. J.        | Bloys, Joseph Kerrich                        | Stanton, N. J.         |
| Benedict, George Bernard      | Oneonta, N. Y.          | Bluestone, David M.                          | New York City          |
| Benedict, Russell Sherwood    | New York City           | Blumberg, Nathan Benjamin                    | Savannah, Ga.          |
| * Benioff, Robert             | New York City           | Blume, William Richard                       | New York City          |
| Bennett, Durward Adrian       | Kansas City, Mo.        | Blumenfeld, Lucian Elliott                   | New York City          |
| Bennett, Harold Pettibone     |                         | Blutman, Morris                              | New York City          |
|                               | Manchester Depot, Vt.   | * Blutreich, Arthur Paul                     | New York City          |
| Bennett, Ross Vernon          | New York City           | A.B., C. C. N. Y., 1918                      |                        |
| * Beno, Girard Joseph         | New York City           | Bobbink, Lambertus Jacob                     |                        |
| Berg, Benjamin Nathan         | Weehawken, N. J.        |                                              | East Rutherford, N. J. |
| A.B., C. C. N. Y., 1916       |                         | * Bock, George                               | New York City          |
| Berg, Oscar Ferdinand         | New York City           | Bock, William Richard                        | Verona, N. J.          |
| Berger, Milton Emanuel        | New York City           | * Bodenstein, Arthur Bernard                 | New York City          |
| Bergesen, Ralph Leo           | New York City           | Bodin, Harry Sabbath                         | New York City          |
| Berliner, Eli                 | New York City           | Bodkin, Laurence Griffin                     | New York City          |
| Berlowitz, Paul Aaron         | New York City           | Boetticher, Oscar                            | New York City          |
| Berman, Abe C.                | New York City           | Bogdonoff, Samuel                            | New York City          |
| * Berman, Isidor              | Torrington, Conn.       | D.D.S., Coll. of Dental and Oral Surg., 1918 |                        |
| Berman, Leo Milton            | New York City           | * Boice, William Stephen                     | Yonkers, N. Y.         |
| * Bernard, Edward             | New York City           | * Bolas, Emory James                         | Easthampton, Mass.     |
| Berner, Pincus                | New York City           | Bolognesi, Arrigo Michael                    | Highland, N. Y.        |
| Bernhardt, Charles Henry      | New York City           | Bolte, John Kirk                             | Roslyn, Md.            |
| Bernstein, Israel Jerry       | New York City           | * Boltz, Frederick William, Jr.,             | New York City          |

\* Indicates members of the Naval Unit.

|                                    |                           |                                                 |                              |
|------------------------------------|---------------------------|-------------------------------------------------|------------------------------|
| Bone, Arthur Howard                | Dunmore, Pa.              | Bruns, Fred Charles                             | New York City                |
| Bonhorst, Chester A.               | New York City             | Brusack, Cheslow Vincent                        | New York City                |
| Bonn, Wesley Thomas                | Town of Union, N. J.      | Brush, Donald Linsley                           | New York City                |
| Bonner, Walter Farrington          | Montclair, N. J.          | Bryan, Lloyd Thomas                             | Lehighon, Pa.                |
| Bonyng, William Maurer             | Jersey City, N. J.        | Bryant, Nathaniel                               | Rahway, N. J.                |
| Booth, Charles Loomis              | New York City             | Bucci, Martin D.                                | Port Chester, N. Y.          |
| Borg, Charles Arthur               | Cold Spring Harbor, N. Y. | Buchholtz, Frederick Clarence                   | New York City                |
| Boselli, Emile H.                  | West Hoboken, N. J.       | Buchman, Joseph                                 | New York City                |
| Bostwick, Wilbur Early             | Arlington, Ga.            | B.S., 1918                                      |                              |
| Bower, John A.                     | New York City             | Buck, Frank Harold                              | Madison, N. J.               |
| Bowes, Russell William             | New York City             | Budd, Warren Van Wyck                           | Jersey City, N. J.           |
| * Bowitz, Bertrand                 | New York City             | Budinoff, Leon E.                               | New York City                |
| Bowles, Charles Ralph              | New York City             | Bukofzer, Percy A.                              | New York City                |
| Bowman, Clarence Roy               | Elizabeth, N. J.          | * Bullard, Edgar Fitch, Saratoga Springs, N. Y. |                              |
| Bowman, George Pinfield            | Jersey City, N. J.        | * Bullard, Howard Ashmore                       | Hackensack, N. J.            |
| Bowman, William John               | Paterson, N. J.           | * Bullock, Charles Seymour                      | Cold Spring-on-Hudson, N. Y. |
| Bowne, Gershorn Borownlee          | Poughkeepsie, N. Y.       | * Bunker, Horace Edgar, Jr.                     | Plainfield, N. J.            |
| Boyd, William James                | Ridgewood, N. J.          | Bunnell, Alfred Ranney, Jr.                     | East Orange, N. J.           |
| Ph.B., Syracuse, 1905; LL.B., 1907 |                           | Burdick, Russell Dewey                          | New York City                |
| Boxhorn, Edgar Alfred              | New York City             | Burger, Aaron Leonard                           | New York City                |
| Boylan, James Aloysius             | New York City             | Burger, Abe Albert                              | New York City                |
| Brahdy, Max                        | New York City             | LL.B., New York Law School, 1917                |                              |
| Brand, Edward Julius               | New York City             | Burgess, Thomas Harold                          | Yonkers, N. Y.               |
| Ph. G., 1918                       |                           | * Burgunder, Bernard Frank                      | New York City                |
| Brandon, Frank Billingham          | New York City             | A.B., Cornell, 1918                             |                              |
| Brandes, Raphael                   | New York City             | Burk, Henry, Jr.                                | Elizabeth, N. J.             |
| Brangs, Carl Clifford              | Newark, N. J.             | Burke, Patrick Joseph                           | New York City                |
| Braun, Howard June                 | New York City             | Burke, Stephen Patrick                          | New York City                |
| Braverman, Harry                   | New York City             | B.S., 1917                                      |                              |
| Brayer, William Harold             | New York City             | Burr, James Platt White                         | New York City                |
| Brech, Albert Andrew               | New York City             | Burrows, Campbell Fitzroy                       | Hamilton, Bermuda            |
| * Brennan, Francis Joseph          | New York City             | Burrows, Leroy Joseph                           | Bayonne, N. J.               |
| Brennan, Henry Mott                | New York City             | Burstein, Julius                                | Cleveland, Ohio              |
| Brennan, John                      | New York City             | Burt, Charles Arthur                            | South Orange, N. J.          |
| Bresky, Hillard                    | Hudson, N. Y.             | Burtis, Hubert Francis                          | Montclair, N. J.             |
| Bressler, Benjamin Franklin        | New York City             | Busch, Emanuel Alfred                           | New York City                |
| Brice, James Edward, Jr.           | New York City             | Bushfield, George Irving                        | Stanton, N. J.               |
| Brice, Thomas Austin               | Newport, R. I.            | Butler, John, Jr.                               | New York City                |
| * Brigham, Henry Irving            | Ossining, N. Y.           | Butler, William Lawrence                        | Batesville, Ark.             |
| Brighton, George Renfrew           | Jersey City, N. J.        | Butterfield, Harold William                     | Newark, N. J.                |
| * Brin, Archibald                  | New York City             | Butterworth, Willard Alonzo                     | Garfield, N. J.              |
| Broader, Melvin Ramsay             | Keansburg, N. J.          | Buxbaum, Leonard                                | New York City                |
| * Broderick, Joseph H.             | Yonkers, N. Y.            | Byck, Maurice Sanford                           | Yonkers, N. Y.               |
| Brody, Nathan Stephen              | New York City             | Byk, Ephraim                                    | New York City                |
| Brogan, Edward E.                  | Dansville, N. Y.          | Cadmus, LeRoy Godwin                            | Glen Ridge, N. J.            |
| LL.B., Albany Law School, 1908     |                           | Caesar, Saul                                    | Monticello, N. Y.            |
| Brooks, Charles Benjamin           | Haverstraw, N. Y.         | A.B., 1918                                      |                              |
| Brouard, DeWitt Raymond            | New York City             | Cagney, Harry Vincent                           | New York City                |
| Browd, Victor                      | New York City             | Cagney, James Francis, Jr.                      | New York City                |
| Brown, David Harvey                | Wilmington, Del.          | Cahill, Irving Joseph                           | New York City                |
| Brown, Nathan David                | New York City             | Cahn, Arthur Morris                             | New York City                |
| Brown, William John                | Bayonne, N. J.            | Caldwell, Walter Lee                            | New York City                |
| Brownell, Harold Edward            | New York City             | Cameron, Ernest Mitchell                        | New York City                |
| Bruestel, Richard Charles          | New York City             | Cammann, Frederic Almy                          | New York City                |
| Bruning, William Frederick         | New York City             | Campbell, Colin Bown                            | New York City                |

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|                                |                       |                                     |                         |
|--------------------------------|-----------------------|-------------------------------------|-------------------------|
| Campbell, John Alfred          | Elizabeth, N. J.      | Clark, Donald Howard                | Hoboken, N. J.          |
| Campbell, John E.              | New York City         | * Clark, Thomas Nicholson           | Arlington, N. J.        |
| Campsen, Herman Martin, Jr.    | New York City         | Clark, William Henry, Jr.           | New York City           |
| Canapary, Frank Joseph         | New York City         | Cleaver, James Palmer               | New York City           |
| Canon, Franklin Delaney        | Andover, N. Y.        | Clegg, Merritt Ardis                | Suffern, N. Y.          |
| Capillon, Edward Albert        | New York City         | Clement, Carl Theodore              | New York City           |
| * Caples, John Richard         | New York City         | Clemente, Frank Goeffrey            | New York City           |
| Cardone, Generous              | New York City         | Clevan, Edwin Marcus                | New York City           |
| Carlip, Aaron Harry            | New York City         | Clextion, Edward William            | New York City           |
| Carls, Henry Edward, Jr.       | Jersey City, N. J.    | Close, Francis Michael              | White Plains, N. Y.     |
| Carnahan, Robert Stuart        | New York City         | D.D.S., Univ. of Pennsylvania, 1904 |                         |
| Carofiglio, Louis Edward       | New York City         | Coby, Arthur Bret                   | Wellington, Ohio        |
| Carroll, James William         | Mill River, Mass.     | Cochrane, William James             | New York City           |
| Carroll, Philip Francis        | New York City         | Coe, Lloyd Merrill                  | Bristol, Conn.          |
| Caruso, Arthur William         | East Orange, N. J.    | Cogan, Patrick Henry                | New York City           |
| Caruthers, Allen, Jr.          | New York City         | Cohen, Elliot                       | New York City           |
| Case, Harold Gordon            | Oakland Valley, N. Y. | Cohen, Emil Z.                      | New Brunswick, N. J.    |
| Casey, Edwin William           | Roosevelt, N. J.      | Cohen, Gerochen                     | Paterson, N. J.         |
| Catalano, Joseph Salvador      | New York City         | Cohen, Harold Berger                | Rockville Center, N. Y. |
| * Cauffman, Richard Thayer     | New York City         | Cohen, Harry Barnet                 | New York City           |
| Cavanaugh, Paul Vincent        | Newtown, Conn.        | Cohen, Joseph Henry                 | New York City           |
| Cayton, Nathaniel              | Washington, D. C.     | Cohen, Max Bernd                    | New York City           |
| LL.B., National Univ., 1918    |                       | Cohen, Morris Gabriel               | New York City           |
| Cerf, Bennett Alfred           | New York City         | Cohen, Moise Kempe                  | New York City           |
| Cedar, Myron Joseph            | New York City         | B.S., C. C. N. Y., 1900             |                         |
| Cerina, Joseph Aloysius        | New York City         | Cohen, Norman                       | New York City           |
| Cervini, Anthony Aloysius      | New York City         | Cohen, Samuel                       | New York City           |
| *Chambellan, Andre Placide     |                       | Cohen, William                      | New York City           |
|                                | West Hoboken, N. J.   | Cohn, Samuel                        | New York City           |
| Champlain, Jack                | New York City         | Colean, Miles Lanier                | Peoria, Ill.            |
| Chaney, Joseph Burton          | New York City         | * Collens, Albert Irwin             | New York City           |
| Chapin, Henry Sealy            | New York City         | Collins, Carlton Palmer             | Stamford, Conn.         |
| Chapman, Clifford Frederick    | Hillside, N. J.       | A.B., Cornell, 1916                 |                         |
| Chapman, Harry Valentine       |                       | Collins, Charles Anthony            | New York City           |
|                                | New Rochelle, N. Y.   | Collins, Howard Aloysius            | Larchmont, N. Y.        |
| Chapman, William Lewis         | New York City         | Collins, Lowell Cutwater            | Colorado Springs, Col.  |
| Chapsky, Henry Harry           | New York City         |                                     |                         |
| Charnes, Jarrett Owen          | New York City         | Colonimos, Mayer Jacob              | New York City           |
| Chattin, John Arthur           | New York City         | A.B., Lycee Janson de Sailey, 1906  |                         |
| Cheney, James Martin           | Glens Falls, N. Y.    | Comellas, James Edward              | New York City           |
| Cherkasky, Nathan              | New York City         | Comstock, John Morris               | Rome, N. Y.             |
| * Chilton, Thomas Hamilton     | New York City         | A.B., Yale, 1905                    |                         |
| Chivian, Herman                | Newark, N. J.         | Conant, Richard Royce               | New York City           |
| Chmielewski, Louis Bartholomew |                       | Condit, Elbert Caryl                | Stillwater, N. J.       |
|                                | New York City         | * Condon, Lawrence Robert           | New York City           |
| Christesen, Martin             | New York City         | Cone, Harold Joseph                 | New York City           |
| Christoffers, Karl             | New York City         | A.B., 1918                          |                         |
| Christophersen, Carl Fritjof   | Arlington, N. J.      | Conklin, Ensign Wright              | White Plains, N. Y.     |
| Chrystal, Albert Francis       | Hackensack, N. J.     | Connor, William Robert              | Newark, N. J.           |
| Church, Alfred Madison         | New York City         | Conover, John Peter                 | Ossining, N. Y.         |
| Church, David Alden            | New Rochelle, N. Y.   | * Conschafter, Victor Seth          | New York City           |
| Cinguina, Michael Louis        | New York City         | Considine, Leo Edward               | Elmira, N. Y.           |
| Citron, Louis                  | White Plains, N. Y.   | Conte, Thomas Joseph                | Mt. Vernon, N. Y.       |
| * Citron, Victor N.            | White Plains, N. Y.   | Cook, Daniel                        | New Rochelle, N. Y.     |
| Claman, Irving                 | New York City         | Cook, Donald Alexander              | Norwood, N. J.          |
| Clapp, Henry Bennett, Jr.      | New York City         | Cooke, Ralph Morrow                 | Bloomfield, N. J.       |
| Clapp, Wallace Livingston      | East Orange, N. J.    | Cooper, Adrian Ward                 | Rutherford, N. J.       |

\* Indicates members of the Naval Unit.



|                                  |                          |                              |                        |
|----------------------------------|--------------------------|------------------------------|------------------------|
| Cooper, Milton B.                | New York City            | Davison, Henry               | New York City          |
| Cooper, Ralph Dewey              | New York City            | Davissou, Clinton Wesley     | Freeport, N. Y.        |
| Cooper, Sherod M.                | Newark, N. J.            | Dawson, Archie Owen          | New York City          |
| Cooper, Sidney Jerome            | Englewood, N. J.         | Dean, George                 | New York City          |
| Cooper, William Stanfield, Jr.   | New York City            | Dearstyne, Stanley Charles   | Albany, N. Y.          |
| Conrad, William Leaman           | Watkins, N. Y.           | Decker, John, Jr.            | Haverstraw, N. Y.      |
| A.B., 1918                       |                          | Decker, Parke Oburn          | New York City          |
| Coqueron, Frederick Gardner      | Mt. Vernon, N. Y.        | Decker, Saul William         | Montreal, Canada       |
|                                  |                          | * Deegan, John Kenneth       | Newburgh, N. Y.        |
| Cordo, Joseph M.                 | New York City            | Deely, Richard Francis       | New York City          |
| Corio, George Albert             | Jersey City, N. J.       | DeFronzo, Anthony Frank      | New York City          |
| Corletti, John                   | Port Chester, N. Y.      | Degenhardt, Herman William   | Jersey City, N. J.     |
| Costa, John Albert               | Monticello, N. Y.        |                              |                        |
| * Coster, Peter Edward           | New York City            | de Jong, Arthur              | New York City          |
| Coulter, Chester Miller          | Frankfort, Ind.          | del Vecchio, Abel D.         | Newark, N. J.          |
| Cowan, Edward Hayden             | New York City            | De Mille, John Blakeney      | Rutherford, N. J.      |
| Cowan, Percival Edmund           | New York City            | * Dempsey, Howard Meredith   | New York City          |
| Cowell, Leslie Edmiston          | Garwood, N. J.           | Dennis, John Allston, Jr.    | Westfield, N. J.       |
| Cowen, Edward                    | New York City            | Derowich, Louis              | New York City          |
| Cowen, Robert Irving             | New York City            | Depres, Joseph Alfred        | New York City          |
| Cowen, Rudolph Henry             | New York City            | B.S., 1918                   |                        |
| B.S., 1918                       |                          | Dettloff, Adolph             | New York City          |
| Cowie, John Harold               | Buffalo, N. Y.           | A.B., C. C. N. Y., 1918      |                        |
| Cowles, Theodore Homer           | Waterbury, Conn.         | De Witt, Donald              | Oneida, N. Y.          |
| Coxhead, John                    | Berkeley, Cal.           | Deyo, Harrison               | Yonkers, N. Y.         |
| Cracovaner, David John           | New York City            | Diamond, Jacob               | New York City          |
| Crafts, James Franklin, Jr.      | East Orange, N. J.       | * Diamond, Sidney Randolph   | New York City          |
| Cram, Harkness Warren            | Mt. Vernon, N. Y.        | Dick, Palmer Matthew         | Mt. Vernon, N. Y.      |
| Crames, Paul                     | New York City            | * Dickinson, Lambert Francis | New York City          |
| Craske, Harold                   | New York City            | Dickstein, Isadore           | New York City          |
| Cricher, Aaron Lane              | New York City            | * Dietz, Philip Eugene       | New York City          |
| Crocker, Robert Holdridge        | Binghamton, N. Y.        | Diggs, Alvin Orwin           | Waterville, Me.        |
| Crossley, Henry Parker           | Caldwell, N. J.          | Digney, Frank J.             | Ridgefield Park, N. J. |
| Crouch, Arthur George            | New York City            | Ditmars, Frederick Augustus  | New York City          |
| Crown, James Isaac               | New York City            | Doane, Harry                 | Newark, N. J.          |
| Curnow, George Trevalian, Jr.    | New York City            | Dobrin, Edward Gottlieb      | New York City          |
| Currey, Bradley Richard          | Hasbrouck Heights, N. J. | Dohrenwend, Henry Albert     | New York City          |
|                                  |                          | Dolan, Frederick Jerome, Jr. | New York City          |
| * Curry, Archibald Chichester    | New York City            | Donahue, William Lawrence    | New York City          |
| B.S., 1917                       |                          | Donahoe, John James          | Elizabeth, N. J.       |
| Curry, James McCay               | Tampa, Fla.              | Donaldson, James             | East Orange, N. J.     |
| Cusack, John Tracy               | New York City            | Donecker, Henry Clay         | New York City          |
| Cutler, Louis                    | Jersey City, N. J.       | Donovan, Arthur Bland        | Concord, N. H.         |
| Cymrot, Mark                     | New York City            | Donovan, Harry Joseph        | New York City          |
| * Daly, William Joseph           | Holyoke, Mass.           | Donovan, Joseph Thomas       | Newport, R. I.         |
| Daneke, Henry Dick               | New York City            | Doragoff, Nathaniel          | New York City          |
| Daniel, Richard Curd             | New York City            | Dorr, James Bryan            | Plainfield, N. J.      |
| LL.B., New York Law School, 1898 |                          | Dostrow, Victor George       | New York City          |
| Danihy, Howard Francis           | New York City            | Dotzler, John Theodore       | New York City          |
| D'Arecca, John                   | New York City            | Doubleday, James Stewart     | New York City          |
| * Darmstatter, Norman Ernest     | Passaic, N. J.           | Doughten, Henry Warrington   | New York City          |
| David, Alfred                    | New York City            | A.B., Haverford, 1906        |                        |
| LL.B., New York Law School, 1911 |                          | Douglas, William Livingston  | Ellenville, N. Y.      |
| Davies, Walter Edward            | Ilion, N. Y.             | Douglass, Jay Barnette       | Winston Salem, N. C.   |
| Davis, Charles Prescott          | Mt. Vernon, N. Y.        | Dow, Raymond John            | New York City          |
| Davis, Harry Thomas              | Scranton, Pa.            | Downing, Gardner Paxton      | Roanoke, Va.           |
| Davis, Moses                     | New York City            | A.B., Biddle, 1918           |                        |

\* Indicates members of the Naval Unit.

|                                          |                          |                                                          |                       |
|------------------------------------------|--------------------------|----------------------------------------------------------|-----------------------|
| Dragunas, Andrew Anthony                 | New York City            | Englander, Ralph                                         | New York City         |
| * Dressbach, Philip Pratt                | New York City            | Enklewitz, Morris                                        | New York City         |
| Dreyer, Milton                           | New York City            | Enrich, Henry                                            | New York City         |
| Drill, Max                               | Newark, N. J.            | Ensler, Louis                                            | New York City         |
| B.S. in Civil Engineering, Rutgers, 1917 |                          | Enslow, Ridley Madison                                   | New York City         |
| Driscoll, Graham Cameron                 | East Orange, N. J.       | Entwinger, Richard Griffith                              | New York City         |
| Du Bois, John Coert                      | Passaic, N. J.           | A.B., Richmond, 1918                                     |                       |
| Du Breuil, Stuart Carr                   | Yonkers, N. Y.           | Epstein, Barnet H.                                       | New York City         |
| Duerstein, Edward George                 | New York City            | Epstein, Harry Herman                                    | New York City         |
| Duke, John Woods                         | Cumberland, Md.          | Epstein, Harry Robert                                    | New York City         |
| Dunay, Maurice                           | New York City            | Erb, Harold Elmer                                        | East Greenville, Pa.  |
| Duncan, Alvin Sylvester                  | Elizabeth, N. J.         | B.S. in Mechanical Engineering, Pennsylvania State, 1918 |                       |
| Dunn, Alan Cantwell                      | New York City            | *Erickson, Howard Willing                                | Hoboken, N. J.        |
| Dunne, Robert Cartwright                 | New York City            | * Euler, William Carl                                    | New York City         |
| * Dunne, William Jerome                  | New York City            | *Evans, George Francis                                   | Easthampton, Mass.    |
| A.B., New York Univ., 1918               |                          | Evans, Howell Vernon                                     | New York City         |
| Dunning, Edgar Francis                   | Peekskill, N. Y.         | Evans, Norris Hilberd                                    | Caldwell, N. J.       |
| Durand, Bernard John                     | New York City            | * Ewell, James Gibson                                    | New York City         |
| Durham, Edwin Arthur                     | Garden City, N. Y.       | Ewert, Albert Charles                                    | New York City         |
| Dutton, Percy Clifton                    | Yonkers, N. Y.           | Eynon, Clements Pearson                                  | Rutherford, N. J.     |
| Duym, James MacLay                       | South Orange, N. J.      | Fabian, Leopold                                          | New York City         |
| Dyckman, Clinton Decatur                 | Peekskill, N. Y.         | Factor, Henry Joseph                                     | New York City         |
| Eagle, Isaac Leon                        | New York City            | Falk, Michael                                            | Port Chester, N. Y.   |
| * Earle, Donald Walter                   | East Orange, N. J.       | Falk, Reginald                                           | Clifton, N. J.        |
| Eathorne, Raymond                        | Hillburn, N. Y.          | * Fanger, Benjamin Franklin                              | Missouri Valley, Iowa |
| Ebell, Werner Francesco                  | Palisade, N. J.          | Fankhauser, Arthur                                       | New York City         |
| Echikson, Joseph Israel                  | Newark, N. J.            | Fargo, Francis Fredrick                                  | Warsaw, N. Y.         |
| Eckman, Henry Hudson                     | New York City            | Farley, Philip Faulkner                                  | New York City         |
| Edgerton, Malcolm James                  | New York City            | Farr, Daniel David                                       | New York City         |
| A.B., Dartmouth, 1906                    |                          | Farrar, John Redmond                                     | New York City         |
| * Edmonds, William Edward                | New York City            | Farry, Edward, Jr.                                       | Keyport, N. J.        |
| Edwards, Reuben Joshua                   | Westhampton Beach, N. Y. | Fass, Max J.                                             | New York City         |
| Edwards, William Fenimore                | New York City            | * Favata, Anthony Francis                                | New York City         |
| Efron, Alexander                         | New York City            | Feder, Arthur                                            | New York City         |
| Eggimann, Fred. C.                       | Lake Como, N. J.         | Feder, James Leonard                                     | New York City         |
| * Ehrlich, Sydney Merton                 | New York City            | Fein, George                                             | New York City         |
| Eigenmacht, Emanuel Maxwell              | New York City            | Feinberg, David                                          | Bayonne, N. J.        |
| Eilers, Karl Frederic                    | Sea Cliff, N. Y.         | Feinberg, Elliott Milton                                 | New York City         |
| * Einstein, Nathaniel Silver             | New York City            | * Feirstein, Samuel                                      | New York City         |
| Eisfelder, Henry William                 | New York City            | Feldberg, Emil                                           | New York City         |
| Eisler, Sidney                           | New York City            | Feldman, Charles                                         | New York City         |
| Eldredge, Robert Livingston              | Long Branch, N. J.       | Feldman, Philip                                          | New York City         |
| Elegant, Louis                           | New York City            | A.B., 1918                                               |                       |
| Ellenport, Nathan                        | New York City            | Feldstein, Louis Jules                                   | New York City         |
| Ellis, Sidney Harold                     | New York City            | Fendrych, Charles Otto                                   | New York City         |
| Ellis, William Warren                    | Newark, N. J.            | Fenias, Morris E.                                        | Newark, N. J.         |
| Ellowitz, Hyman M.                       | Los Angeles, Cal.        | Fenoil, Francis J.                                       | New York City         |
| * Ellison, Frank DeMill                  | New York City            | Fensterheim, Oscar                                       | New York City         |
| Elwes, Frederick Payne                   | Englewood, N. J.         | * Ferlaino, Frank                                        | New York City         |
| Ely, Joseph Harold                       | Holyoke, Mass.           | * Ferris, Harold                                         | Yonkers, N. Y.        |
| * Emery, William Thalheimer              | New York City            | Ferris, Harold Richards Beach                            | Jersey City, N. J.    |
| * Emmerich, Richard                      | New York City            | Ferriss, Francis                                         | Madison, N. J.        |
| * Endlich, Emanuel                       | Tarrytown, N. Y.         | Feuss, Louis William                                     | New York City         |
| Endore, Mark A.                          | New York City            | Ficks, Elmer LeNoid                                      | White Plains, N. Y.   |
| Engel-Kron, George Michel                | New York City            |                                                          |                       |

\* Indicates members of the Naval Unit.

|                                                               |                         |                                              |                        |
|---------------------------------------------------------------|-------------------------|----------------------------------------------|------------------------|
| Field, Paul Lester                                            | Patchogue, N. Y.        | Freund, Morton                               | New York City          |
| Finau, William James                                          | Litchfield, Conn.       | * Fried, Harry                               | New York City          |
| Fine, Moses                                                   | New York City           | Fried, Morris Harrison                       | New York City          |
| Fineberg, Bernard Jacob                                       | Jersey City, N. J.      | Fried, Sanford                               | New York City          |
| Fineberg, Hyman Saul                                          | Brewster, N. Y.         | Friedman, Daniel                             | New York City          |
| Fineberg, Meyer Hyman                                         | Cleveland, Ohio         | Friedman, Harold                             | New York City          |
| Finley, John Howard                                           | Berwick, Pa.            | Ph. G., Fordham, 1916                        |                        |
| Fischbein, David Harry                                        | New York City           | Friedman, Harold Lionel                      | New York City          |
| Fischer, Hans Richard                                         | Englewood, N. J.        | Friedner, Arthur R.                          | Jersey City, N. J.     |
| Fishbein, George Samuel                                       | Bayonne, N. J.          | Friess, Horace Leland                        | New York City          |
| Fishbough, Harold William                                     | Saratoga Springs, N. Y. | Frink, John Sherburne                        | New York City          |
| Fisher, Raymond Mitchell                                      | Nanuet, N. Y.           | Friob, George William                        | New York City          |
| * Fishkind, Silas Benjamin                                    | New York City           | Fritts, Harold Ellsworth                     | Hudson, N. Y.          |
| Fitzgerald, Philip James                                      | New York City           | LL.B., Union Univ., 1909                     |                        |
| FitzGibbon, Thomas O'Gorman                                   |                         | Fritz, Paul Carl                             | New York City          |
|                                                               | New York City           | Frohling, Charles John                       | New York City          |
| Fitzpatrick, Daniel Edward, Murray Hill, N. J.                |                         | Frosch, George Henry                         | Jersey City, N. J.     |
| Fitzpatrick, Stuart Campbell                                  |                         | Frost, William Pepperell                     | Mamaroneck, N. Y.      |
|                                                               | Springdale, Conn.       | Frownfeld, Percy Morgan                      | New York City          |
| Flank, Milton Leopold                                         | Cedarhurst, N. Y.       | Fuchs, Joseph Frederick                      | Port Chester, N. Y.    |
| Fleming, Capen Alexander                                      | Dover, N. J.            | Funke, Arthur Lester                         | Ridgefield Park, N. J. |
| A.B., Southwestern Coll., 1912; A.M., Univ. of Michigan, 1917 |                         | Gabe, Harry                                  | New York City          |
| Fletcher, Donald Atkinson                                     | New York City           | Gabriel, Ervant                              | Town of Union, N. J.   |
| Fluss, Jules Edwin                                            | New York City           | B.S., Princeton, 1916                        |                        |
| Foland, John Philip, Jr.                                      | New York City           | Gaines, Harold Mathewson, Penns Grove, N. J. |                        |
| Foley, Edmund Dewey                                           | Cohoes, N. Y.           | Gallay, Sidney                               | New York City          |
| Folger, Duncan Campbell                                       | New Rochelle, N. Y.     | Galley, Walter Henry                         | Jersey City, N. J.     |
| Follett, Sidney Breese                                        | Stratford, Conn.        | Gane, Harold Jordan                          | New York City          |
| Foote, Eric                                                   | Scranton, Pa.           | Gardner, Frank Henry, West New York, N. Y.   |                        |
| Ford, Charles Bigelow, Jr.                                    | New York City           | D.D.S., Univ. of Pennsylvania, 1908          |                        |
| Ford, William Arnold                                          | New York City           | Gardner, John Leon, Jr.                      | New York City          |
| Forrest, Wilfred Penn                                         | New York City           | A.B., Amherst, 1909; LL.B., Fordham, 1913    |                        |
| Forster, Herbert Webster                                      | Yonkers, N. Y.          | Garland, Carter Braxton                      | New York City          |
| Forsyth, Ralph Patterson                                      | New York City           | Garrison, Ralph Robert                       | New Rochelle, N. Y.    |
| Foster, Horace Wood                                           | New York City           | Garside, John Rushforth                      | New York City          |
| Foster, Winslow                                               | New York City           | Gartenlaub, Samuel Aaron                     | Newark, N. J.          |
| *Fox, Frank                                                   | Upper Montclair, N. J.  | Gately, Francis F.                           | Jacksonville, Fla.     |
| Fox, Richard Hassler                                          | White Plains, N. Y.     | Gately, Joseph Alphonsus, Jr.                | Dorchester, Mass.      |
| *Foye, Frank Mendon                                           | New York City           | Gaudin, Antoine Marc                         | New York City          |
| Foyle, Chester McFarlane                                      | Paterson, N. J.         | Gelbach, Frederick Paul, Jr.                 | New York City          |
| France, Ewing Hill                                            | New Rochelle, N. Y.     | A.B., Yale, 1918                             |                        |
| France, William Alexander                                     | New York City           | Gelbin, Edward                               | New York City          |
| Franciscus, Howard Edwin                                      | New York City           | Gell, Leon                                   | New York City          |
| * Frank, Alexander Julian                                     | New York City           | Gentner, Joseph Ernest                       | Dolgeville, N. Y.      |
| Frank, Henry Abraham                                          | New York City           | Gerecke, William Franklin                    | Newburgh, N. Y.        |
| Frank, Samuel                                                 | New York City           | German, Solomon J.                           | New York City          |
| Frankel, Lee Kaufer                                           | New York City           | Germer, Alan                                 | Franklin, Pa.          |
| * Franzius, Christian Goetz                                   | New York City           | Gerrish, Herbert Frederick                   | Paterson, N. Y.        |
| Fred, Walter Barnes                                           | Westwood, N. J.         | Gerritsen, Francis                           | Garfield, N. J.        |
| Fredlund, Axel Theodore                                       | New York City           | * Gertz, Louis                               | New York City          |
| Freedman, Joseph Leon                                         | New York City           | B.S., 1917                                   |                        |
| Freilich, Hyman                                               | New York City           | Gettell, John Howes                          | New York City          |
| * Frenkel, George Plaut                                       | New York City           | * Gibson, Leon Andrew                        | Garden City, N. Y.     |
| * Freudenheim, Milton B.                                      | Yonkers, N. Y.          | Giet, George Robert                          | New York City          |
| Freund, Joseph Edward                                         | Jersey City, N. J.      | * Gifford, James Noble                       | New York City          |
|                                                               |                         | Gilbert, Dudley Pierrepont                   | New York City          |

\* Indicates members of the Naval Unit.



|                                               |                         |                                   |                        |
|-----------------------------------------------|-------------------------|-----------------------------------|------------------------|
| Gildea, Edwin Francis                         | Colorado Springs, Col.  | Gordon, Milton                    | New York City          |
| * Giles, John Warren                          | East Orange, N. J.      | Gorelik, Max                      | New York City          |
| * Giles, William Edward                       | Middletown, N. Y.       | Gott, Clarence Pearson            | New York City          |
| Gillespie, Forrest H.                         | Arlington, N. J.        | Gottlieb, Alfred                  | New York City          |
| Gillespie, Lionel Porter                      | New York City           | Gottlieb, Bernhardt Stanley       | New York City          |
| Gilman, Charles Malcolm                       | Newark, N. J.           | Gottlieb, Bertram                 | Huntington, N. Y.      |
| Ginandes, Elias                               | New York City           | Grace, William Jackson            | New York City          |
| Ginsburg, Solomon Wiener                      | New York City           | Graham, Allison Scott             | Caldwell, N. J.        |
| Ginzburg, Benjamin                            | New York City           | * Graham, Robert Lincoln          | New York City          |
| Ginzburg, Leon                                | New York City           | Granet, Emil                      | New York City          |
| * Gladstone, Fred                             | New York City           | Grant, Jesse Herbert              | New York City          |
| Glaser, Benjamin                              | New York City           | Graves, Elbert Earnest            | Tampa, Fla.            |
| * Glaser, Irving                              | Passaic, N. J.          | Graves, Eugene Van Tassel         | New York City          |
| Glass, Emanuel                                | Suffern, N. Y.          | Gray, William                     | Far Rockaway, N. Y.    |
| B.S., 1917                                    |                         | Gray, William                     | New York City          |
| * Glassgold, Adolph                           | New York City           | LL.B., N. Y. Univ., 1915          |                        |
| Glassgold, George                             | New York City           | Grayzel, David Mathews            | New York City          |
| Gloo, Palmer Wood                             | Herkimer, N. Y.         | A.B., 1918                        |                        |
| Gluck, Milton                                 | New York City           | * Greco, Anthony Joseph           | New York City          |
| Glynn, John Thomas, Jr.                       | Newburgh, N. Y.         | Green, Hiram Kershaw              | New York City          |
| Goerlich, Emil Adolph                         | New York City           | Greenberg, Alexander              | New York City          |
| * Goettelmann, John                           | Union Hill, N. J.       | Greenberg, Herbert Stanly         | New York City          |
| Goetz, Howard Charles, Jr.                    | New York City           | Greenberg, Herman                 | New York City          |
| Gold, Isidor                                  | New York City           | Greenberg, Jacob Abraham          | New York City          |
| Goldberg, Aaron                               | Newport, Ky.            | Greenberg, Lawrence               | New York City          |
| Goldberg, Arthur Richdale                     | Harrison, N. J.         | Greenberg, Michael C.             | New York City          |
| Goldberg, Clarence Philip                     |                         | Greenberg, Milton Louis           | New York City          |
|                                               | Rockville Center, N. Y. | Greenberg, Morris Lewis           | New York City          |
| Goldberg, Hyman Trynin                        | New York City           | Greenberg, Solomon                | New York City          |
| Goldberg, Jay Kermit                          | New York City           | Greenberger, Maxwell              | Bayonne, N. J.         |
| Goldberg, Ward S.                             | Harrison, N. J.         | Greenburg, Wilfred                | New York City          |
| D.D.S., Coll. of Aural and Dental Surg., 1918 |                         | Greene, Irving Ballard            | Carmel, N. Y.          |
| Goldblatt, William                            | New York City           | Greenfest, Max                    | New York City          |
| Golden, Isador Isaac                          | New York City           | Greenfield, Charles               | Suffern, N. Y.         |
| Goldenberg, Walter M.                         | New York City           | Greenspan, George                 | New York City          |
| * Goldey, Nathan                              | New York City           | Greenstein, Louis                 | New York City          |
| Golding, Julius Hyman                         | New York City           | Greenwald, Benjamin M.            | New York City          |
| Goldman, Harry                                | New York City           | Grevers, John Henry               | New York City          |
| Goldner, Isidore Theodore                     | Yonkers, N. Y.          | Griesar, Otto Jonas               | New York City          |
| Goldsmith, Harold Bedford                     | Haverstraw, N. Y.       | Griffin, John Edward              | Binghamton, N. Y.      |
| Goldstein, Benjamin Louis                     | New York City           | Griffith, Arthur Vincent          |                        |
| * Goldstein, Fred                             | Passaic, N. J.          |                                   | Port Washington, N. Y. |
| * Goldstein, Ira Ephraim                      | New York City           | B.S., Pd.B., Syracuse Univ., 1911 |                        |
| Goldstein, Isidor Elias                       | New York City           | Griffiths, Burtis Waldo           | Allendale, N. J.       |
| Goldstein, Max                                | New York City           | * Grimminger, John William        |                        |
| Goldstein, Samuel                             | New York City           |                                   | Jersey City, N. J.     |
| Goldstein, Samuel David                       | New York City           | * Groenewold, Anthony Charles     |                        |
| Goldstein, Solomon                            | New York City           |                                   | Valley Stream, N. Y.   |
| Goldstein, Theodore                           | New York City           | Groggins, Stanley Samuel          | New York City          |
| Goldston, Isaac                               | New York City           | Groo, Arthur Lawrence             | New York City          |
| Goldstone, Abner                              | New York City           | Gross, Joseph Myron               | Cincinnati, Ohio       |
| Goldwasser, Samuel                            | Kingston, N. Y.         | Gross, Max                        | New York City          |
| Gonzales, Thomas Arthur                       | New York City           | Grosset, Alexander Donald         | Riverside, Conn.       |
| * Goodman, Arthur                             | New York City           | * Grossman, Harold Maurice        | New York City          |
| Goodman, Moses                                | New York City           | Grossman, Theodore                | New York City          |
| * Goodman, Samuel Seymour                     | New York City           | Groszmann, Waldemar H.            | Plainfield, N. J.      |
| Goodrich, Wilmont Herbert                     | New York City           | Grunzweig, Armand                 | New York City          |

\* Indicates members of the Naval Unit.



|                                                         |                      |                                               |                     |
|---------------------------------------------------------|----------------------|-----------------------------------------------|---------------------|
| * Gruver, Byron Murray                                  | Wilkes-Barre, Pa.    | Hartman, Edward Frank                         | New York City       |
| Guerriero, Arnold Pasquel                               | New York City        | Hartman, Werner                               | Ridgefield, Conn.   |
| Guggenbuhl, Fred                                        | New York City        | Hartman, William Gottlieb                     | New York City       |
| * Guggenheimer, Seymour Samuel                          | New York City        | Harvey, Mortimer Thomas                       | Ticonderoga, N. Y.  |
|                                                         |                      | B.E., Union, 1917                             |                     |
| Gulter, Hugh Parker                                     | New York City        | Harvey, Robert Workman                        | Woodbury, Conn.     |
| Guinness, Arthur Bennett                                | Yonkers, N. Y.       | * Hassinger, John Herbert                     | Pelham Manor, N.Y.  |
| * Guinness, William Freeman                             | Yonkers, N. Y.       | Hastings, Edward Walton                       | New York City       |
| Gulotta, Peter F.                                       | New York City        | Hathaway, Ralph Aldus                         | Bristol, Conn.      |
| Gumbinner, Lawrence Chester                             | New York City        | Haugaard, William Conrad, Jr.,                | New York City       |
| Gurnee, John Rogers                                     | New York City        | Hawkes, John Ballard                          | New York City       |
| Gussak, Jack                                            | New York City        | Hawkins, Edgar Winfield                       | Glen Cove, N. Y.    |
| Gustavson, Harold Gustav                                | New York City        | Hayes, Ralph Severson                         | Philadelphia, Pa.   |
| Guthrie, Edmund Jerome                                  | Nutley, N. J.        | Healy, Francis Xavier                         | New York City       |
| * Gutowitz, Louis David                                 | Amityville, N. Y.    | Heckman, Harold Milton                        | Elizabeth, N. J.    |
| Haas, Louis                                             | New York City        | B.S.C., Arizona, 1918                         |                     |
| B.S., 1918                                              |                      | Heenan, Robert Aloysius                       | Hudson Falls, N. Y. |
| Habighorst, Ernest Henry                                | New York City        | Heiberg, Nils Hansen                          | Chicago, Ill.       |
| Haessler, John                                          | New York City        | Heinrichs, Charles Emil                       | New York City       |
| Hahn, Walter Ferdinand                                  | New York City        | Heistein, William H.                          | New York City       |
| Hainfeld, Alfred Golding                                | Oyster Bay, N. Y.    | * Heller, Abraham                             | New York City       |
| * Haldenstein, Herbert W.                               | New York City        | * Helwig, Herman Frank, Jr.                   | New York City       |
| Hale, Earle Spring                                      | Sinclairville, N. Y. | Hemely, Samuel                                | New York City       |
| Hale, Robert Lloyd                                      | Canton, N. Y.        | D.D.S., Coll. of Dental and Aural Surg., 1918 |                     |
| Hall, Walter Elliott                                    | New York City        | * Henderson, Frederick Whitehouse             | Freeport, N. Y.     |
| Hallock, Halford                                        | Leonia, N. J.        |                                               |                     |
| Hallock, William Henry                                  | New York City        | Henry, Alfred, Jr.                            | New York City       |
| Hamburger, Frank Maurice                                | New York City        | Herman, Alexander                             | New York City       |
| Hammett, Louis Wilbar                                   | Newburgh, N. Y.      | Herman, Alexander Casdon                      | New York City       |
| B.S., Mass. Inst. of Tech., 1905                        |                      | Herman, Donald Warner                         | Winsted, Conn.      |
| Hammond, Frederic Prescott, Jr.                         | New York City        | Hermann, Bernard                              | New York City       |
|                                                         |                      | Hermansen, Howard Albert                      | New York City       |
| * Hanauer, Sylvan Leonard                               | New York City        | Herndon, Henry Newton                         | New York City       |
| Hancock, Worthington                                    | New York City        | * Herpich, George Archibald                   | Elizabeth, N. J.    |
| Handforth, Stanley Lougheed                             | Tacoma, Wash.        | Hershhorn, Harry                              | New York City       |
| B.S. in Chemical Engineering, Univ. of Washington, 1918 |                      | Hertz, Max                                    | Norwich, Conn.      |
| Handlin, William Clyde                                  | Lake Fork, Ill.      | Herz, Henry                                   | New York City       |
| A.B., Univ. of Illinois, 1909                           |                      | LL.B., 1904                                   |                     |
| Handy, Joseph Breckinridge, Jr.                         | New York City        | Hess, Daniel                                  | New York City       |
|                                                         |                      | Heuer, Lester F.                              | New York City       |
| Hanel, Leon Louis                                       | New York City        | Hicks, Alfred Hallett                         | New York City       |
| Hansell, William Forde                                  | New York City        | Hicks, Bernard Joseph                         | Washington, D. C.   |
| * Hanson, Richard Locke                                 | New York City        | Higgins, John Leo                             | Elizabeth, N. J.    |
| Hanssen, Eilif Carl                                     | New York City        | Higgins, Walter                               | New York City       |
| Harbaugh, Donald Lucian                                 | Cleveland, Ohio      | Higley, Walter Maydale                        | Norwich, N. Y.      |
| * Harburger, George Jacob                               | New York City        | Hildebrand, Edgar James                       | New York City       |
| Hardenbergh, Thomas Dill                                | Hasbrouck, N. Y.     | Hildred, John Beverley                        | Ripley, N. Y.       |
| * Hardie, Willard Ames                                  | Elizabeth, N. J.     | * Hill, George Augustus, Jr.,                 | Ocean Side, N. Y.   |
| Harding, Ernest Arthur                                  | West Paterson, N. J. | Hilton, George Boyd                           | Altamont, N. Y.     |
| Harnden, Ralph Ethelbert                                | New York City        | Hilton, Norman Edwin                          | East Orange, N. J.  |
| Harrington, Mark Raymond, Mt. Vernon, N. Y.             |                      | Hines, Theodore Jay                           | Stratford, Conn.    |
| Harris, Charles Morgan                                  | Birmingham, Ala.     | Hirons, Gardner, Jr.                          | New York City       |
| A.B., Talladega, 1918                                   |                      | B.S., 1917                                    |                     |
| * Harris, Jacob                                         | New York City        | * Hirsch, Elias Straus                        | Savannah, Ga.       |
| Harrison, James Orlando                                 | Larchmont, N. Y.     | Hitchens, Walter Allen                        | McKeesport, Pa.     |
| Hart, Morgan Drake                                      | Peekskill, N. Y.     | Hlawatsch, John F.                            | New York City       |
|                                                         |                      | Hoagland, Hudson                              | Rockaway, N. J.     |

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|                                      |                      |                                |                        |
|--------------------------------------|----------------------|--------------------------------|------------------------|
| * Hobby, Alfred George               | Elizabeth, N. J.     | Hyman, Saul Abe                | New York City          |
| * Hoberman, Solomon                  | Bayonne, N. J.       | Hynes, George Dewey            | Chatham, N. J.         |
| Hochman, Isidor H.                   | New York City        | * Illinger, Frank Xavier       | Rutherford, N. J.      |
| Hockstadter, Walter                  | New York City        | Immekus, Carl P.               | Poughkeepsie, N. Y.    |
| Hodes, James                         | New York City        | Ingalls, Donald Woodbury       | Canastota, N. Y.       |
| Hodes, William                       | New York City        | * Ingersoll, John Campbell     | Huntington, N. Y.      |
| Hodges, Albert Victor                | New York City        | Irving, Ira Medzizyan          | Scranton, Pa.          |
| Hoffberg, Isarel                     | New York City        | Isaacson, Abraham Irving       | Winsted, Conn.         |
| B.S., C. C. N. Y., 1917              |                      | Isaacson, Charles Byron        | New York City          |
| Hoffman, Edward                      | Atlantic City, N. J. | A.B., 1918                     |                        |
| Hoffman, John Joseph                 | Middletown, N. Y.    | Ives, Lloyd Saddington         | Upper Montclair, N. J. |
| Hoffman, Leon Francis                | Newark, N. J.        | Jackson, Frank Hurlbert        | Monticello, N. Y.      |
| Hoffman, Milton Sommer               | New York City        | Jackson, Frank T.              | Cartersville, Ga.      |
| LL.B., 1905; A.B., C. C. N. Y., 1902 |                      | Jackson, Jerome J.             | New York City          |
| Hoggard, Clarence Doane              | Bayside, N. Y.       | Jacob, William Bartlett        | New York City          |
| Holcombe, Paul                       | Lambertville, N. J.  | Jacobs, Jerome Howard          | New York City          |
| Holliday, Edgar Percy                | New York City        | Jacobs, Julius Bay             | New York City          |
| Holloway, Emil St. Cyril             | New York City        | Jacobs, Leo                    | New York City          |
| Hollyer, James Hudson                | Wyckoff, N. J.       | Jacobs, Moses Bud              | New York City          |
| Holslag, Russell Clark               | New York City        | * Jaeger, Lloyd Powell         | Portland, Ore.         |
| Hoose, Herbert John                  | Port Chester, N. Y.  | Jaeger, William Charles, Jr.   | New York City          |
| Hopper, Bryant Scofield              | New York City        | Jaffe, Leon                    | New York City          |
| Hopps, Lewis                         | Norwalk, Conn.       | Jaffe, Max Edward              | Keyport, N. J.         |
| * Horan, Harold J. T.                | New York City        | Jaffe, Philip J.               | New York City          |
| Horn, Robert Leon                    | New York City        | Jagels, Carl Herbert           | Summit, N. J.          |
| Horowitz, Edward Adolph              | New York City        | Jamison, George Hill           | Asbury Park, N. J.     |
| Horton, Clarence George              | Wolcott, N. Y.       | LL.B., Cornell, 1910           |                        |
| * Hossfeld, George John              | New York City        | Jamieson, Sanford Gilman       | New York City          |
| Hotaling, George Ryer                | New York City        | * Janssen, Webster Edward      | New York City          |
| B.S.E., Univ. of Pennsylvania, 1908  |                      | Jarmel, Benedict               | New York City          |
| Hottendorf, George Henry             | New York City        | * Jennings, Frank Brown        | New York City          |
| Houlahan, James M.                   | Mt. Vernon, N. Y.    | Jennings, Philip Hennen        | New York City          |
| Houser, Charles MacMillan            | Nicholson, Pa.       | Joachim, Benjamin              | New York City          |
| Housman, Robert                      | Irvington, N. J.     | B.S., 1918                     |                        |
| * Houston, Rivers Brahan             | Batesville, Miss.    | * Joachim, Leo Harold          | New York City          |
| A.B., Univ. of Mississippi, 1918     |                      | Johnson, Allen Hathaway        | Pelham, N. Y.          |
| Hover, Eric                          | Catskill, N. Y.      | Johnson, Ellwood Randolph, Jr. | Perth Amboy, N. J.     |
| Howard, Charles Nicholas             | New York City        | Johnson, Fred Oscar            | New York City          |
| Howe, John Ireland                   | Englewood, N. J.     | Johnson, Herbert Andrew        | New York City          |
| Howe, Ward Allan                     | Franklinville, N. Y. | Johnson, Herbert Thomas        | New York City          |
| * Howell, Raymond Woodhull           | New York City        | Johnson, Isaac Stewart         | New York City          |
| Hudson, James G.                     | White Plains, N. Y.  | Johnson, John Howard           | New York City          |
| Hughes, Harold Scott                 | Albany, N. Y.        | Johnson, Milton Gustave        | Tarrytown, N. Y.       |
| Hughes, James Thomas                 | New York City        | * Johnson, Ogden               | Portland, Ore.         |
| Hughes, Joseph Fowler                | New York City        | Johnston, Charles Dudley       | Garwood, N. J.         |
| Hunsicker, Oscar Aaron               | Akron, Ohio          | Johnston, Fred Gordon          | New York City          |
| Hunt, George Benedict                | Mt. Vernon, N. Y.    | Johnston, Guy Ellis            | Northport, N. Y.       |
| * Hunt, Theodore Brainerd            | Metuchen, N. J.      | * Jonas, George Edward         | New York City          |
| A.M., Princeton, 1918                |                      | Jonas, Harry                   | New York City          |
| * Hunter, William Robert             | Passaic, N. J.       | Jones, Carroll Hudson T.       | New York City          |
| Hurwitz, Harry                       | New York City        | Jones, Edwin Dewey             | Yonkers, N. Y.         |
| Husted, Samuel Harley                | Newport, N. J.       | Jones, Ernest Wallace          | Yonkers, N. Y.         |
| Hutchings, George Phillips           | New York City        | Jones, George Lester           | New York City          |
| Hutchison, Howard Russell            | LaCrosse, Wis.       | Joscelyn, Austin Everett       | New Rochelle, N. Y.    |
| * Hyde, James Farrington             | Jersey City, N. J.   | * Joseph, Jerome Lawton        | New York City          |
| Hyman, Maurice                       | New York City        | * Joseph, Louis Hilliard       | New York City          |
| A.B., 1905, LL.B., 1908              |                      |                                |                        |

\* Indicates members of the Naval Unit.

|                              |                      |                                |                      |
|------------------------------|----------------------|--------------------------------|----------------------|
| * Josephson, David Clifford  | New York City        | Kennedy, John Russell          | Newark, N. J.        |
| Jubien, Walter E.            | New York City        | Kennedy, John Buckley          | Hoboken, N. J.       |
| Jurich, Thomas Orestes       | New York City        | Kennedy, Wallace Henry         | New York City        |
| Juskowitz, Leo Gerald        | New York City        | Kerfoot, Harry Trelwing        | Jersey City, N. J.   |
| Justa, Robert Stanley        | New York City        | * Kern, George William         | New York City        |
| * Kadushin, Charles George   | New York City        | Kerr, Fred William             | New York City        |
| Kahn, Erwin                  | New York City        | * Kerr, Ralph Waldo Emerson    | New York City        |
| * Kamber, Robert, Jr.        | New York City        | Kerst, Walter Dewey            | Jersey City, N. J.   |
| Kamil, Morton                | New York City        | Kessler, Clarence Laurence     | Mileses, N. Y.       |
| Kammerer, Charles Francis    | White Plains, N.Y.   | Kessler, Donald                | Huntington, W. Va.   |
| Kandel, Montefiore           | New York City        | Kiendl, Frank                  | New York City        |
| B.S., 1918                   |                      | Kienninger, John Fred          | New York City        |
| * Kane, Ralph Freeborn       | New York City        | Kiernan, William Thomas        | New York City        |
| A.B., 1916                   |                      | Kilinski, Edward A.            | New York City        |
| Kanter, Abraham              | New York City        | Kindred, George C.             | New York City        |
| Kantor, Herbert Gordon       | New York City        | Kingen, James Joseph           | Tarrytown, N. Y.     |
| Kanz, Charles Anthony        | Hackensack, N. J.    | Kingsland, George Lovett       | New York City        |
| Kaplan, Morris               | New York City        | Kinnear, Guy Howard            | Summit, N. J.        |
| Kaplan, Nathaniel            | New York City        | Kinzel, Augustus Braun         | New York City        |
| Kaplan, Samuel               | Macon, Ga.           | Kirby, Joseph Howard           | Hackensack, N. J.    |
| Kappes, George Lincoln       | New York City        | Kirschenbaum, Abraham          | New York City        |
| Karp, James                  | New York City        | Kirschenbaum, Alexander Edward | New York City        |
| * Kashden, Samuel Ray        | New York City        | Kirschenmann, John Jacob       | New York City        |
| Kassner, Herbert Carl        | New York City        | Kirschner, Benjamin            | Newark, N. J.        |
| Kassner, Philip              | New York City        | Kirsh, Benjamin Sollow         | New York City        |
| A.B., C. C. N. Y., 1917      |                      | Kislak, Henry                  | New York City        |
| Katchen, Ira Julius          | Newark, N. J.        | * Kittenplan, Reuben           | New York City        |
| Katz, Felix Weinberg         | Kingston, N. Y.      | Kitzinger, Richard Carr        | New York City        |
| * Katzen, Julius             | New York City        | Klahre, Rudolph Theodore       | Weehawken, N. J.     |
| Kaufman, Joseph W.           | New York City        | Klapper, William               | New York City        |
| Kayan, Carl Fred             | New York City        | Klar, Morris Philip            | New York City        |
| Kearney, John Frank          | Weehawken, N. J.     | Klein, Arthur Alexander        | New York City        |
| B.L., St. Mary's Coll., 1905 |                      | Klein, Harold Nicholas         | Hudson, N. Y.        |
| Keefe, Harold Hyler          | Paterson, N. J.      | Klein, Orville David           | New York City        |
| Keegan, Joseph Francis       | Ossining, N. Y.      | Klingenstein, Perry A.         | New York City        |
| Keit, Herbert Scheier        | New York City        | Kluge, Willard George          | New York City        |
| * Kelleher, Joseph J.        | New York City        | Knebel, Lewis McBurney         | New York City        |
| LL.B., Boston Univ., 1902    |                      | Knickerbocker, John Howard     | New York City        |
| Kelleher, Joseph Peter       | New York City        | Knight, Philip Archibald       | Newark, N. J.        |
| Kelley, Albert Wesley        | Roseland, N. J.      | Knodel, Robert Edwin           | New York City        |
| Kelly, Arthur Edward         | Yonkers, N. Y.       | Knox, John Paige               | New York City        |
| * Kelly, Chester Francis     | Central Islip, N. Y. | A.B., 1917                     |                      |
| * Kelly, David               | New Brunswick, N. J. | Koch, Arnold Theodor           | New York City        |
| * Kelly, Frank Richard       | New York City        | Koch, Gustav A.                | Mahopac, N. Y.       |
| Kelly, Henry Raphael         | Union Hill, N. J.    | * Koehler, Russell Page        | Great River, N. Y.   |
| Kelly, John Raymond          | Sandy Hook, Conn.    | Koelbel, Joseph George         | Valley Stream, N. Y. |
| Kelly, Martin Joseph, Jr.    | New York City        | Koeppicus, Herbert             | New York City        |
| * Kelly, Victor Stokes       | Central Islip, N. Y. | * Kohen, Willard               | New York City        |
| Kelsey, Clark Bertel         | Milwaukee, Wis.      | Kohl, Abraham                  | Jersey City, N. J.   |
| Kemble, Edmund, Jr.          | Rye, N. Y.           | Kohn, Robert Irving            | New York City        |
| Kemerer, Morgan Uhl          | Savannah, Ga.        | A.B., 1918                     |                      |
| Kempner, Alan Horace         | New York City        | Kollen, Daniel                 | New York City        |
| A.B., 1917                   |                      | Koller, William Ferdinand      | Elizabeth, N. J.     |
| Kempner, Sigmund Marshall    | New York City        | Kopp, Mortimer                 | New York City        |
| Kenneally, Daniel James      | New York City        | Koppel, Sidney B.              | Bloomfield, N. J.    |
| Kennedy, Donald Satterlee    | New York City        | Kornreich, Laurence L.         | New York City        |
| * Kennedy, John James        | New York City        |                                |                      |

\* Indicates members of the Naval Unit.



|                             |                       |                                           |                      |
|-----------------------------|-----------------------|-------------------------------------------|----------------------|
| Kornzweig, Abraham Leon     | New York City         | Lawson, Alfred                            | New York City        |
| Kowolsky, Joseph J.         | New York City         | Leavitt, George Ira                       | New York City        |
| Kramer, Henry G.            | New York City         | * Leavitt, Phillips B.                    | New York City        |
| Krasner, Arthur Alexander   | New York City         | B.S., 1918                                |                      |
| Kraus, Jack Lewis, Jr.      | New York City         | * Lebenthal, Louis Solomon                | New York City        |
| Krauss, John Frederick      | New York City         | Lecher, Wallace Oman                      | Wilkes-Barre, Pa.    |
| * Kraut, Jacob              | Newport, R. I.        | Lee, Earl Londen                          | Yonkers, N. Y.       |
| * Krech, Benjamin Albert    | Paterson, N. J.       | Leerburger, Benedict Aaron                | New York City        |
| * Kreeger, Harry Leo        | New York City         | B.S., 1917                                |                      |
| A.B., New York Univ., 1918  |                       | Leeuwen, Albert                           | Paterson, N. J.      |
| Kreis, Maurice Murray       | New York City         | * Le Fevre, Wilson Foss                   | Kingston, N. Y.      |
| Kreutzer, Louis George      | New York City         | Lehman, Mortimer Benjamin                 | New York City        |
| B.S., 1917                  |                       | Leibel, Emanuel Samuel                    | New York City        |
| Krimsky, Emanuel            | New York City         | Lemcke, George Roland                     | Orange, N. J.        |
| Kroeck, Karl                | Milwaukee, Wis.       | Lemelson, Lemuel                          | New York City        |
| * Kruger, Max Henry         | New York City         | Lenkowsky, Saul                           | New York City        |
| Krukin, Irving              | New York City         | Lennon, Francis Andrew                    |                      |
| Krulewitch, Daniel Webster  | New York City         | Hastings-on-Hudson, N. Y.                 |                      |
| Kuck, Frank William         | New York City         | Leutz, Maxwell J.                         | Clifton, N. J.       |
| Kuh, David Oscar            | New York City         | D.D.S., New York Coll. of Dentistry, 1918 |                      |
| Kuhlman, Henry Frederick    | New York City         | Leonard, Raymond Roy                      | Stamford, Conn.      |
| Kuklin, Norman              | New York City         | * Lester, Leslie                          | New York City        |
| Kuligoski, Stanislaw, Jr.   | Union Hill, N. J.     | Leventhal, Julius                         | New York City        |
| Kunstler, Laurence Sylvan   | New York City         | Levering, Clifford Barton                 | Stroudsburg, Pa.     |
| La Bonne, Victor Henry      | Redford, N. Y.        | Levi, Girard Spencer                      | New York City        |
| La Colla, Peter             | New York City         | Levi, Malcolm Benjamin                    | New York City        |
| Lacy, Thomas St. John       | Caldwell, N. J.       | Levin, Alexander                          | Springfield, Mass.   |
| Ladin, Paul Mundi           | New York City         | Levin, David Solomon                      | New York City        |
| Ladue, Joseph Raymond       | New York City         | LL.B., N. Y. Law School, 1918             |                      |
| Laguardia, Hector           | New York City         | Levine, Arthur                            | New York City        |
| Laguardia, Jordan Bruno     | New York City         | Levine, Bernard H.                        | Jersey City, N. J.   |
| Lambert, John Ronald        | New York City         | Levine, Gustave                           | New York City        |
| Lambert, Lee Edmund         | New York City         | Levine, Jacob J.                          | New York City        |
| La Mer, Joseph Secundule    | Leonia, N. J.         | * Levine, Leonard                         | New York City        |
| Lamme, Ory Johannes, Jr.    | New York City         | Levine, Leon Harry                        | New York City        |
| Lance, Leroy H.             | New Germantown, N. J. | Levine, Max                               | Chestnut Hill, Conn. |
| Landauer, Hubert Jacob      | Medina, N. Y.         | Levine, Samuel                            | Passaic, N. J.       |
| Landes, Sidney              | New York City         | * Levites, Maurice                        | New York City        |
| Landesberg, Jack            | New York City         | * Levitt, Arthur                          | New York City        |
| * Lane, Albert Samuel       | New York City         | Levy, Emil                                | New York City        |
| * Lang, Joseph              | New York City         | Levy, Gaston                              | New York City        |
| * Lange, Carvel Horatio     | Hoboken, N. J.        | Levy, Harold W.                           | West Haven, Conn.    |
| Lange, William Henry        | Mamaroneck, N. Y.     | * Levy, Lawrence L.                       | New York City        |
| Langeloh, Edward John       | Rye, N. Y.            | * Levy, Louis                             | Mt. Vernon, N. Y.    |
| Langer, Julius J. M.        | New York City         | Levy, Sanford David                       | New York City        |
| Lapinsky, Samuel Archie     | New York City         | Lewinson, Paul Lindenthal                 | New York City        |
| * Larson, Hubert Gant       | New York City         | Lewis, Alvin                              | New York City        |
| * Lascoff, Frederick Dudley | New York City         | B.S., C. C. N. Y., 1917                   |                      |
| Laskey, Allan Brown         | Bronxville, N. Y.     | * Lewis, Charles Leonard, Jr.             | Plainfield, N. J.    |
| * Lassen, Alfred Raymond    | New Haven, Conn.      | Lewis, John Barbey                        | New York City        |
| Laubgross, Victor F. H.     | New York City         | * Lewis, Philip Roderick                  | Short Hills, N. J.   |
| Lauler, James Lloyd         | Lakewood, N. J.       | Lewson, Adolph B.                         | New York City        |
| Lawley, John G.             | Long Branch, N. J.    | Lewy, Sidney Sylvester                    | New York City        |
| * Lawrence, Charles Henry   | New York City         | Liberman, Joel Brandon                    | New York City        |
| Lawrence, Edmund Wallace    |                       | B.S., C. C. N. Y., 1901; LL.B., N. Y.     |                      |
|                             | Mt. Vernon, N. Y.     | Univ., 1904                               |                      |
| Lawrence, George James, Jr. | New York City         | Liccione, Manlio Michele                  | Mt. Vernon, N. Y.    |

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|                               |                     |                               |                       |
|-------------------------------|---------------------|-------------------------------|-----------------------|
| * Lieberman, Nathan           | New York City       | McKelvey, George Irwin, Jr.   | Jersey City, N. J.    |
| Lienhardt, Winfield Schley    | New York City       | * McKenna, Joseph Vincent     | New York City         |
| Lifshey, Murray               | New York City       | McKenzie, Robert Abbe         | New York City         |
| Lilenfeld, Sidney Z.          | New York City       | * McKeon, Richard Peters      | Town of Union, N. J.  |
| Lilienfeld, Baron Morris      | Norfolk, Va.        | McKeown, Robert King          | Grantwood, N. J.      |
| Limpert, Spero Harry          | New York City       | McKim, Charles Duff           | Yonkers, N. Y.        |
| * Linchitz, Jacob             | New York City       | McKnight, Nicholas McDowell   | Rutherford, N. J.     |
| Linder, Harold Francis        | New York City       | McKnight, Samuel T.           | Utica, N. Y.          |
| * Lindsay, James Donald       | New York City       | * McLeod, George Tibbits Lane | Greenwich, Conn.      |
| Lindsley, Laurence Alfred     | East Orange, N. J.  | McMahon, Vincent Raymond      | New York City         |
| Lippman, Saul                 | Paterson, N. J.     | McMullen, Henry Clum          | Lyndhurst, N. J.      |
| Lippmann, Frank Benedict      | New York City       | McNicol, George Bone          | New York City         |
| A.B., 1906                    |                     | McNulty, Harold Copp          | Rutherford, N. J.     |
| Lipsky, Leon                  | New York City       | McQuade, Eugene Thomas        | New York City         |
| Lipstein, Harold              | New York City       | Mabel, Harry                  | New York City         |
| Lipton, Irving Isadore        | New York City       | Mabie, Ralph Roberts, Jr.     | New York City         |
| * Litwin, Nathan Ouslander    | New York City       | MacGregor, George Smith       | New York City         |
| Livingston, Norman            | New York City       | MacKenty, John Gilman         | New York City         |
| Lobsenz, Sydney               | New York City       | MacLear, Malcolm              | Mt. Vernon, N. Y.     |
| Locke, Herman Winter          | New York City       | MacLean, Murdo                | New York City         |
| * Loehr, John Edgar           | Yonkers, N. Y.      | Macnamara, William Patrick    | New York City         |
| Lowenthal, Mortimer           | New York City       | Macpeak, Thomas John          | New York City         |
| Longwell, Daniel              | New York City       | Macy, George Jesse            | New York City         |
| Lorenz, Stephen John          | Newark, N. J.       | * Madlinger, George Joseph    | Poughkeepsie, N. Y.   |
| Loring, David Reed            | New York City       | Magee, Sigmund                | New York City         |
| Louria, Milton Roland         | New York City       | Magraw, Ralph Barstow         | Bronxville, N. Y.     |
| A.B., 1918                    |                     | * Mahler, Harry Aloysious     | Arlington, N. J.      |
| Lovejoy, Harold Babson        | New Rochelle, N. Y. | Mahnken, Harold J.            | New York City         |
| Lowendahl, Joel Rudolph       | New York City       | B.S., 1918                    |                       |
| Loonie, Mansfield             | New York City       | Mahler, Henry Dewey           | New York City         |
| * Lord, Charles Coerr         | New York City       | Maisel, Fred                  | New York City         |
| Lowenkopf, Harry Joseph       | New York City       | Maler, Anthony P.             | East Patchogue, N. Y. |
| Lowinsohn, Theodore Louis     | New York City       | Maloney, James Joseph         | Leonia, N. J.         |
| Lubasch, Julius               | New York City       | Maloney, Martin Joseph        | Scranton, Pa.         |
| * Lubetkin, Irving            | New York City       | Maltz, Maxwell                | New York City         |
| Ludorf, Henry Francis         | New Britain, Conn.  | Malumet, John Pierpont        | New York City         |
| Ludwig, Rudolph               | Montvale, N. J.     | Malzman, David                | New York City         |
| Lueders, George Kurtz         | Summit, N. J.       | B.C.S., N. Y. Univ., 1917     |                       |
| Lunn, Cyrus William           | Weekawken, N. J.    | Mandelbaum, Henry E.          | New York City         |
| * Luquer, Lea Shippen         | Mt. Kisco, N. Y.    | Mandelbaum, Malvin Robert     | New York City         |
| * Lurssen, Herbert Bernhard   | Passaic, N. J.      | A.B., 1918                    |                       |
| * Luther, Kenneth             | Newburgh, N. Y.     | Maneson, Abraham Samuel       | New York City         |
| * Lutz, Conrad Henry          | Weehawken, N. J.    | Manges, Horace                | New York City         |
| Luyster, Walter VanDyk        | Sea Cliff, N. Y.    | A.B., 1917                    |                       |
| Lyon, Kenneth Krancher        | Greenport, N. Y.    | Manheim, Harold Julian        | New York City         |
| Lyons, Alfred Labori          | New York City       | Manheimer, Jacob Seligman     | New York City         |
| Lyons, Jay Joseph             | Princeton, N. J.    | A.B., C. C. N. Y., 1918       |                       |
| C.E., Princeton, 1915         |                     | Mann, Ferdinand               | New York City         |
| McCabe, Angus Shaw            | New York City       | Marchetti, John Mano          | New York City         |
| McCarthy, Charles Joseph      | New York City       | Marcus, Louis                 | New York City         |
| McCarthy, Edmund              | Elizabeth, N. J.    | Margaretten, Morris           | Perth Amboy, N. J.    |
| McCarthy, William Vincent     | New York City       | Marino, Joseph                | New York City         |
| McCauley, John Bernard        | New York City       | Marion, John Ernest Francis   | Mt. Ariz, N. C.       |
| McCoun, Richard Parish        | Oyster Bay, N. Y.   |                               |                       |
| LL.B., N. Y. Law School, 1902 |                     |                               |                       |
| McCutcheon, James Duff        | Newark, N. J.       |                               |                       |
| McEvoy, James Joseph          | Hudson, N. Y.       |                               |                       |

\* Indicates members of the Naval Unit.

|                              |                      |                                           |                      |
|------------------------------|----------------------|-------------------------------------------|----------------------|
| Markel, Claude               | New York City        | Miller, Charles Ellsworth                 | Rockaway, N. J.      |
| Markel, Howard               | New York City        | Miller, James Henry                       | New York City        |
| Markham, Virgil              | New York City        | Miller, Morris E.                         | New York City        |
| Marks, Irving Edward         | New York City        | Miller, Wallace Johnston                  | New York City        |
| Marks, Jerome Alex.          | New York City        | Millimet, William                         | West New York, N. J. |
| Marks, Mark                  | New York City        | Mills, Allan Buxton                       | New York City        |
| B.S., C. C. N. Y., 1917      |                      | Mills, Henry Mortimer                     | New York City        |
| Marks, Norman Lincoln        | New York City        | Miners, Saul Benjamin                     | New York City        |
| A.B., C.C.N.Y., 1918         |                      | Minrath, William Richard                  | New York City        |
| Marrinan, Francis Martin     | New Haven, Conn.     | Minton, Edgar G.                          | New York City        |
| Marscher, Augustus Arthur    | New York City        | Miodownick, Albert                        | New York City        |
| Marsellus, John Cornelison   | Passaic, N. J.       | Mirsky, Leo Philo                         | New York City        |
| Marson, Benjamin             | New York City        | * Misch, Charles Elkin                    | New York City        |
| * Martin, Charles Alexander  |                      | Mishell, Daniel Randolph                  | Glen Ridge, N. J.    |
|                              | East Orange, N. J.   | Mitchell, Charles Cornwall                | New York City        |
| * Martin, Earl Quincy        | Catskill, N. Y.      | Mixon, James Clyde                        | Augusta, Ga.         |
| Martin, Hubert Francis       | Sea Cliff, N. Y.     | Modarelli, Alfred Eugene                  | Weehawken, N. J.     |
| Marx, John                   | New York City        | Moger, George Stuckert                    | Valhalla, N. Y.      |
| Marx, Samuel David           | New York City        | Moldenke, Richard, Jr.                    | Watchung, N. J.      |
| Masterson, John Patrick      | New York City        | Moller, William George                    | New York City        |
| Mathes, George Charles       | New Rochelle, N. Y.  | Monell, Frederick Bronson                 | New York City        |
| Mathews, Maxwell Julius      | New York City        | Monks, Barnett Jacob                      | New York City        |
| Mathiasen, Oscar             | Keyport, N. J.       | * Monkiewicz, Boleslaus Joseph            |                      |
| Matshak, Richard Philip      | New York City        |                                           | New Britain, Conn.   |
| Matthews, William Henry      | New York City        | Monroe, Bradford H.                       | Guilford, Conn.      |
| Matz, John William           | New York City        | Montesano, Joseph                         | Paterson, N. J.      |
| Maxwell, Arthur Byron        | New Brunswick, N. J. | Montgomery, Richard Bacon                 | Plainfield, N. J.    |
| May, A. Wilfred              | New York City        | A.B., 1916                                |                      |
| Mead, Frank Spencer          | Chatham, N. J.       | Moore, Harry Du Bois                      | Grahamsville, N. Y.  |
| Meagher, Edward Columba      | Montclair, N. J.     | Moon, Herbert Winfield                    | New York City        |
| B.S., 1917                   |                      | Moore, Philip Thomas                      | Tuxedo Park, N. Y.   |
| Meakle, James Alexander      | Paterson, N. J.      | Moore, Walter Arnold                      | New York City        |
| Medigovich, Dushan Vaso      | Bisbee, Ariz.        | Moore, Watson Wendell                     | New York City        |
| Meisels, Raphael             | Fayetteville, N. C.  | Moran, John Joseph                        | Buffalo, N. Y.       |
| Melnick, Abraham             | Downsville, N. Y.    | Morein, Samuel                            | Gloversville, N. Y.  |
| * Melnick, Jacob             | New York City        | Morris, Arthur                            | New York City        |
| Melzer, Frederick E.         | Baker, Ore.          | * Morris, David                           | New York City        |
| A.B., Univ. of Oregon, 1917  |                      | Morris, Isadore Ralph                     | Akron, Ohio          |
| * Memmott, James MacDonald   | New York City        | * Morris, Walter Bernard                  | New York City        |
| Mendelson, Marius Alexander  | New York City        | * Morse, Stanley                          | Suffern, N. Y.       |
| Mendlowitch, Sidney Zoltan   | New York City        | Morrissey, William Joseph                 | New York City        |
| Menge, Carl Henry            | Cresskill, N. J.     | Moskowitz, Joseph Louis                   | New York City        |
| Menken, Jules A.             | New York City        | Moss, Richard Maurice                     | New York City        |
| Mesnard, Andre               | New York City        | Mossler, Harold M.                        | New York City        |
| Messe, Isarel                | New York City        | Mousgian, Mardiros Der Hoothanes          |                      |
| Messinger, Earle Philip      | New Canaan, Conn.    |                                           | Van, Armenia         |
| Messiter, Arthur Frederick   | New York City        | B.S., 1917; B.A., Kansas City Univ., 1916 |                      |
| Mets, Frederic Arthur        | New York City        | Movitz, James H.                          | New York City        |
| Meurs, George Emile          | New York City        | Movshovitz, Henry                         | New York City        |
| Meyer, Alvin Perry           | New York City        | Muessen, Anton Sylvester                  | Woodmere, N. Y.      |
| Meyer, Harry H.              | New York City        | Muhlert, Herbert Emanuel                  | New York City        |
| B.S., 1917                   |                      | Muirhead, Charles Easton, Jr.             | New York City        |
| Meyers, Moses Louis          | New York City        | Mulinos, Michael George                   | New York City        |
| Mildeberger, Victor Richmond | New York City        | Muller, Nelson James                      | New York City        |
| Milkey, Fred Albert          | Montague City, Mass. | Munder, John Fred                         | New York City        |
| Miller, Alan Henman          | Hackensack, N. J.    | * Murachanian, Levon                      | West Hoboken, N. J.  |
| Miller, Arthur               | New York City        | Murphy, George Redvers                    | Toledo, Ohio         |

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|                                       |                      |                               |                      |
|---------------------------------------|----------------------|-------------------------------|----------------------|
| Murray, Edward Lorimor, Jr.           | New York City        | Nye, Roswell Howard           | Sagamore, Mass.      |
| Murray, James Edward                  | Elizabeth, N. J.     | Oberly, John Leidy            | Bridgeport, Conn.    |
| Myer, Lloyd Stanley                   | Ridgewood, N. J.     | Obermeyer, Henry Ernest       | New York City        |
| Myers, Clifford Edward                | Rock Island, Ill.    | O'Connor, Edward Joseph       | New York City        |
| Nadel, Gustave                        | New York City        | O'Connor, Francis Henry       | New York City        |
| * Nagelberg, Paul                     | New York City        | Odell, Harold Edwin           | Hobart, N. Y.        |
| Nash, Joseph Newton                   | New York City        | Odes, Harry                   | New York City        |
| Nash, William Loxley                  | New Hampton, N. Y.   | Oehlers, Eugene Valentine     |                      |
| Nast, Robert Adam                     | Woodcliffe, N. J.    |                               | Chestnut Hill, Conn. |
| * Natapoff, Samuel                    | New York City        | Oestreicher, Herbert Walter   | New York City        |
| Nathan, Joseph Shall                  | New York City        | Offner, Monroe Marc           | New York City        |
| Naugle, Harry Francis                 | Danvers, Mass.       | A.B., 1918                    |                      |
| * Neal, Browning Allgood              | Birmingham, Ala.     | Ogden, Ralph Richardson       | Bayonne, N. J.       |
| * Neale, Walter                       | New York City        | O'Grady, John James           | New York City        |
| Neary, Edward John                    | New York City        | Ohl, Alfred Frank             | Yonkers, N. Y.       |
| * Neibart, Benjamin Aaron             | Passaic, N. J.       | Ohmes, Fred William           | New York City        |
| Neitz, John Donald                    | New York City        | O'Kelly, James F.             | New York City        |
| Nelsenius, Nelson E.                  | New York City        | O'Kelly, Raphael Patrick      | Hackensack, N. J.    |
| Nelson, Benjamin Franklin, Jr.        |                      | Okin, Irving                  | Hackensack, N. J.    |
|                                       | Hazelhurst, Miss.    | Oksman, George J.             | New York City        |
| Nelson, Nathaniel Frank               | New York City        | O'Neil, Charles Arthur        | New York City        |
| Nelson, Philip Hathaway               | Buffalo, N. Y.       | * Oldham, Edward Wade         | New York City        |
| Nelson, Starr Edwin                   | New York City        | Osterholm, Claus Adolph       | Huntington, N. Y.    |
| Netter, George Edward                 | New York City        | Ostroff, Reuben S.            | New York City        |
| * Netzel, Walter Richard              |                      | Ostrosky, Samuel Milton       | New York City        |
|                                       | New Brunswick, N. J. | O'Sullivan, Marcus Anthony    | New York City        |
| Litt.B., Rutgers, 1918                |                      | Owens, George Dewey           | Antwerp, N. Y.       |
| Neuberg, Frederick Adolph             | Westwood, N. J.      | * Owens, Louis Cassard, Jr.   | New York City        |
| Neuburger, Max                        | New York City        | Owens-Williams, John Franklin | New York City        |
| B.S., C. C. N. Y., 1918               |                      | * Pack, Samuel James          | New York City        |
| Neuhauss, Herman                      | New York City        | Packhisser, Erwin Rudolph     | Middletown, N. Y.    |
| * Neumann, Waldemar Julius            | New York City        | Paley, Morris P.              | New York City        |
| Nevas, Bernard                        | South Norwalk, Conn. | Parent, Alvah Kibby           | White Plains, N. Y.  |
| * Nevil, Elliott James                | New York City        | Parkar, Albert                | New York City        |
| New, Ellwood Simpson                  | Rutherford, N. J.    | Parker, Edward Philip         | Port Chester, N. Y.  |
| Newitz, Stephen Joseph                | Newark, N. J.        | Parker, Everett Humphreys     | Denver, Col.         |
| Newton, Marshall Everett              | Rock Island, Ill.    | B.S., Dartmouth, 1916         |                      |
| Nichols, Edward Genung                | New York City        | * Parker, James Saunders      | New York City        |
| Nichols, Howard Breese                | Yonkers, N. Y.       | Parmet, Marvin Meyer          | New York City        |
| Nieder, Max Eugene                    | Newark, N. J.        | Parodi, Remo Alfonso          | New York City        |
| Nimmcke, Frederick                    | New York City        | Partridge, Mason Harry, Jr.   | New York City        |
| Nisselson, Michael M.                 | East Orange, N. J.   | Pasvolsky, Valentine          | Bergenfield, N. J.   |
| Noe, Sydney Philip                    | New York City        | Paterno, Anthony Joseph       | New York City        |
| B.S., Rutgers Coll., 1910; A.M., 1913 |                      | Patterson, Robert Chase       | Portland, Me.        |
| * Nolan, Ezra W.                      | Jersey City, N. J.   | A.B., Univ. of Michigan, 1918 |                      |
| * Noll, John                          | Ransom, Kan.         | Pauli, Wolfgang Frederick     | Roselle, N. J.       |
| Nomburg, Emil                         | New York City        | Paulsen, John James           | New York City        |
| LL.B., Brooklyn Law School, 1917      |                      | Payor, Harry Bernhardt        | New York City        |
| * Nord, John Murray                   | New York City        | Pearce, Carl Clovis           | Birmingham, Ala.     |
| Norris, Henry Martin                  | Princeton, N. J.     | Pearce, Chester Crawford      | East Orange, N. J.   |
| Norris, Julian Reuben                 | Elizabeth, N. J.     | Pellens, Arthur Francis       | New York City        |
| Nosovitsky, Samuel S.                 | New York City        | Peller, Philip                | New York City        |
| Nostrand, Harvey C.                   | Montvale, N. J.      | A.B., 1918                    |                      |
| Novy, Alois Jaroslav                  | New York City        | Pendleton, Edmund             | New York City        |
| Nusbaum, Virginius Harding            | Norfolk, Va.         | Penn, Albert Nathaniel        | New York City        |
| Nussenfeld, Maurice Robert            | Bridgeport, Conn.    | * Peper, John Lewis           | New York City        |
| Nye, Clair Brehm                      | Washington, D. C.    | Perkins, John Upton           | New York City        |

\* Indicates members of the Naval Unit.



|                            |                        |                                       |                     |
|----------------------------|------------------------|---------------------------------------|---------------------|
| Pesetz, Andri              | Glens Falls, N. Y.     | Pugh, Howard Reynolds                 | Mt. Kisco, N. Y.    |
| Peskowitz, David           | New York City          | * Pugh, John Hammett                  | New York City       |
| Peskowitz, Sol             | New York City          | Pugh, William Everson                 | South Winsport, Pa. |
| * Pettersen, Peder Gjerdt  | Passaic, N. J.         | Pulaski, Elias Warshauer              | New York City       |
| Petruzzi, Alfred           | New York City          | Pupek, Bernard                        | Harrison, N. J.     |
| Petschek, Walter John      | New York City          | Quaid, Ignatius David                 | New York City       |
| Pfütznér, Charles Philip   | Edgewater, N. J.       | * Quattrocchi, William Raymond        | New York City       |
| Phelps, Gordon Winfield    | North Adams, Mass.     |                                       |                     |
| Phildius, George Philip    | New York City          | Quat, Arnold                          | New York City       |
| Philgus, Frank             | New York City          | Quick, Percy Alvin                    | New York City       |
| Philppson, Jerome Sanford  | New York City          | Quortrup, Richmond Cameron            | New York City       |
| Picker, Lawrence           | New York City          | Rabin, Coleman Berley                 | New York City       |
| Piedmonte, Charles Francis | New York City          | Rabinowitz, Joseph S.                 | New York City       |
| A.B., C. C. N. Y., 1918    |                        | Rabinowitz, Lawrence                  | New York City       |
| Pietaro, Michael James     | New York City          | * Radcliff, Peter Edward, Jr.         | Yonkers, N. Y.      |
| Pikaart, Leonard Gascoigne | Midland Park, N. J.    | Radezky, Benjamin Franklin            | New York City       |
| Pill, Edward               | New York City          | Raetzer, Otto Emile                   | Montclair, N. J.    |
| Pinckney, Charles Hampton  | New York City          | * Raftenberg, Max M.                  | New York City       |
| Pine, Meyer                | New York City          | Rain, Burton Lorenz                   | New York City       |
| Pinski, Henry              | New York City          | Rakov, Leo                            | New York City       |
| Piper, Kenneth Brett       | New York City          | Rambusch, Viggo F. E.                 | New York City       |
| * Pirnie, James Albert     | New York City          | Randall, Eugene Yocum                 | Nanticoke, Pa.      |
| Pirone, Fred Peter         | New York City          | Raymond, Irving Woodworth             | New York City       |
| Pirosnick, Benjamin        | New York City          | Raynor, Willis Carter                 | Islip, N. Y.        |
| Pisani, Arnold Adolph      | New York City          | * Rebhun, Otto Arnold                 | New York City       |
| Pittala, Anthony           | New York City          | Reed, Nathaniel Edward                | Lockhart, Tex.      |
| * Plate, Henry Weyand      | New York City          | A.B., Texas, 1906                     |                     |
| Platt, Charles Wilbur      | Bethel, Conn.          | * Refsum, Joseph                      | New York City       |
| Plein, Leo N.              | Crestwood, N. Y.       | Regensburger, Irving Phillips         | New York City       |
| A.B., 1918                 |                        | Reich, Carl                           | New York City       |
| Plitt, Washington Irving   | New York City          | Reich, Bernard Howard                 | New York City       |
| Polk, Aaron                | New York City          | LL.B., New York Law School, 1917      |                     |
| Pollard, Herbert Beach     | Maplewood, N. J.       | Reich, Max                            | New York City       |
| Pond, William Hart         | New York City          | Reich, Sidney Nathaniel               | New York City       |
| Pontani, Francis           | Hartford, Conn.        | Reich, Sidney William                 | New York City       |
| Pontecarvo, Louis          | New York City          | Reichman, Joseph Edward               | New York City       |
| Pope, Herbert Waterson     | Westfield, N. J.       | Reid, Alexander Francis, Jr.          | Belleville, N. J.   |
| Pope, Roy Barnes           | New York City          | Reiffel, Isadore                      | New York City       |
| * Popkin, Lionel Selicman  | Franklin, La.          | * Reinheimer, Howard                  | New York City       |
| Popovich, Theodore         | New York City          | A.B., 1917                            |                     |
| * Post, Frank Bittinger    | Fond du Lac, Wis.      | Reinstein, Vincent Paul               | Great Neck, N. Y.   |
| Potter, Russell Franklyn   | New York City          | * Reismann, Gustave                   | New York City       |
| Pottle, Valentine Linn     | New York City          | Reiss, Edward                         | New York City       |
| Pounder, William Heinze    | Mahonoy City, Pa.      | Rettenberg, Milton Joshua             | New York City       |
| Povlsen, Paul Kristian     | New York City          | A.B., C. C. N. Y., 1918               |                     |
| A.B., 1918                 |                        | Reutershan, Alfred Dewey              | New York City       |
| Powell, Nelson Woodruff    | Norwalk, Conn.         | Rezzano, Charles                      | New York City       |
| Powell, Robert Monroe      | New York City          | Riccio, Peter Michael                 | New York City       |
| * Prager, William Henry    | New York City          | Rice, William J. A.                   | New York City       |
| * Pratt, Sherman Eugene    | New York City          | Richards, Oliver Victor               | New York City       |
| Preger, Samuel             | Plainfield, N. J.      | Richards, Walter                      | New York City       |
| Price, Herbert Eliot       | New York City          | Richardson, Alfred Wells, Jr.         | New York City       |
| Price, Irving Isadore      | New York City          | Richter, Maurice Nathaniel            | New York City       |
| Prigohzy, Adolph           | New York City          | Rickenbacker, Rufus John              | Newark, N. J.       |
| Proctor, Beresford Frank   | Mamaroneck, N. Y.      | Ridenbaugh, Robert Ray                | New York City       |
| Proffitt, Henry Walton     | Garnerville, N. Y.     | Rider, Stephen Hendrix                | Gilmer, Tex.        |
| Pugh, Cornelius            | Upper Montclair, N. J. | A.B., Baylor, 1914; A.M., Brown, 1915 |                     |

\* Indicates members of the Naval Unit.



|                               |                        |                              |                        |
|-------------------------------|------------------------|------------------------------|------------------------|
| Ridley, Oscar Utter           | Sloatsburg, N. Y.      | Roth, Frank                  | New Rochelle, N. Y.    |
| Riehm, Wilfred George         | New York City          | Roth, Joseph                 | South Norwalk, Conn.   |
| Riker, Donald Bertram         | East Orange, N. J.     | Rothschild, Arthur           | Mt. Vernon, N. Y.      |
| Riley, John Arthur            | New York City          | Rotkowitz, Sidney            | New York City          |
| Rinzler, Jack                 | Passaic, N. J.         | * Roudin, Leon Victor        | New York City          |
| Rios, Luis Rios               | New York City          | * Rowan, Edward Harold       | New York City          |
| Risch, Charles Henry          | New York City          | Rowan, Eugene Joseph, Jr.    | New York City          |
| Ritterbusch, William Benedict | New York City          | Rowold, John C.              | New York City          |
| Rivenc, Alexander Paul        | New York City          | Rozema, John Ralph           | Paterson, N. J.        |
| * Rizzo, Joseph               | New York City          | Rubel, David P.              | New York City          |
| Rizzolo, Gerald Sam           | Newark, N. J.          | Rubenstein, David            | Chicago, Ill.          |
| * Robbins, Abe Leigh          | New York City          | Rubenstein, Joseph           | New York City          |
| Robbins, Ira                  | New York City          | Rubin, Elias                 | New York City          |
| * Roberts, Frank Joseph       | Rutherford, N. J.      | Rubin, Jacob W.              | New York City          |
| Roberts, Stanley Goodman      | New York City          | * Rudd, Thomas Brown         | Clinton, N. Y.         |
| Robertson, Dorr Curtis        | New York City          | Rudin, David                 | New Rochelle, N. Y.    |
| Robinson, Alfred Thomas       | New York City          | Ruppel, Louis                | Ridgewood, N. Y.       |
| * Robinson, Walter Scott      |                        | Ruschke, Egmont Westy        | New York City          |
|                               | Colorado Springs, Col. | Rustin, Henry Wilkins        | New York City          |
| Robison, Milton MacDonald     |                        | Ryan, John                   | Pelham, N. Y.          |
|                               | Maplewood, N. J.       | * Rydell, Evert Richard      | Arlington, N. J.       |
| Rockmore, Alexander           | New York City          | Ryno, Percy Brooks           | New York City          |
| Roderick, Edward Elias        | Plains, Pa.            | Saacke, Charles W., Jr.      | New York City          |
| Rodman, Benjamin              | New York City          | Sacken, George               | New York City          |
| Roethlisberger, Faitz Jules   | New York City          | Sacks, Robert                | New York City          |
| Rogatz, Julian Leo            | New York City          | Saffer, William              | New York City          |
| Rogers, Herbert Melvin        | New York City          | Sage, Robert Henry           | Hartsdale, N. Y.       |
| Rogers, Robert Brough, Jr.    | New York City          | * Sagin, George Nicholas     | Tampa, Fla.            |
| Rogers, Wilfred Edson         | Monson, Mass.          | Sahn, Samuel                 | New York City          |
| Roll, Walter Harrison         | Linden, N. J.          | Saile, Harold Joseph         | Bloomfield, N. J.      |
| Roman, Joseph Philip          | New York City          | * St. John, Forbes           | Noroton Heights, Conn. |
| Ronkin, Cassel                | New York City          | Salinger, Benjamin David     | New York City          |
| * Root, Towner Bowditch       | South Orange, N. J.    | Salinger, Edward Benny       | Bloomfield, N. J.      |
| Ros, Salvador                 | New York City          | Salmon, Louis J. A.          | New York City          |
| Rosen, Julius D.              | New York City          | Salzberg, Abraham            | New York City          |
| Rosen, Morris Samuel          | Utica, N. Y.           | Salzberg, Louis              | New York City          |
| Rosenbaum, Arthur             | New York City          | * Sanborn, Frederic Rockwell | New York City          |
| Rosenbaum, Samuel Seide       | New York City          | Sanders, Murray              | New York City          |
| Rosenberg, Julius             | New York City          | Sandifer, J. Harold          | New York City          |
| Rosenberg, Louis              | New York City          | Sandroni, Dino               | New York City          |
| Rosenberg, Solomon Just       | New York City          | * Sasse, Frederic Dietrich   | New York City          |
| Rosenberger, Harold Jerome    | New York City          | Saunders, Alfred Willard     | Newark, N. J.          |
| Rosenblum, David Ingersoll    | New York City          | Saxen, Benjamin Herman       | New York City          |
|                               | B.S., 1918             | Sayet, George                | New York City          |
| Rosenblum, Robert             | New York City          | Scalise, Anthony Joseph      | New York City          |
| Rosenblum, Samuel             | New York City          | * Scarritt, Ellett Gibbs     | South Orange, N. J.    |
| Rosenfeld, Samuel             | New York City          | Schaaf, Hubert Haslup        | Pelham Manor, N. Y.    |
| * Rosenheim, Allan David      | New York City          | Schaaf, William Leonard      | New York City          |
| Rosenheim, Rubin              | New York City          | Schaal, Howard McFadden      | Oradell, N. J.         |
| Rosenman, Julius              | New York City          | Schachtel, Victor Robert     | New York City          |
| Rosenson, Alvin Seymour       | New York City          | * Schaeffer, Adolph          | New York City          |
| * Rosenstein, Edward          | New York City          | * Schaefer, Rockwell Bernard | New York City          |
| Rosenstock, Leo Metzgar       | New York City          | Schaefer, William Stewart    | Westfield, N. J.       |
| Rosenthal, Carl               | New York City          | * Schauf, Vernon Jacob       | New York City          |
| Rosenzweig, Herman            | New York City          | * Schechter, Harry           | New York City          |
| * Rosow, Seymour              | New York City          | Scheller, Leander G.         | New York City          |
| Rossmann, David               | New York City          | Schenbaum, Maurice           | New York City          |

\* Indicates members of the Naval Unit.

|                                  |                      |                                     |                         |
|----------------------------------|----------------------|-------------------------------------|-------------------------|
| Scher, Jacob J.                  | New York City        | Segal, Paul Moses                   | Denver, Col             |
| Scheuer, Samuel                  | New York City        | Segall, Samuel                      | Minneapolis, Minn.      |
| LL.B., New York Law School, 1917 |                      | Segeler, Curt George                | New York City           |
| Schiess, John Walter             | New York City        | Seidt, Milton                       | New York City           |
| * Schiff, Isidor                 | New York City        | Selig, Ambrose                      | New York City           |
| * Schiff, Leo                    | New York City        | Selig, Seth                         | New York City           |
| Schindel, Lester                 | New York City        | A.B., 1918                          |                         |
| Schlaff, Benjamin                | New York City        | Selikowitz, Louis E.                | New York City           |
| Schlesinger, Donald              | New York City        | Seltenreich, Arthur Frederick       | Hoboken, N. J.          |
| Schlichting, John Ferdinand      | New York City        | Seltzer, Sidney Cecil               | New York City           |
| * Schluter, Frederick Edward     | New York City        | Serra, Frank                        | New York City           |
| Schmeidler, David                | New York City        | * Shafer, Harold Willard            | Worcester, N. Y.        |
| Schmidt, Charles, Jr.            | Freeport, N. Y.      | * Shafran, Harry Aaron              | New York City           |
| * Schmidt, Walter Herman         | New York City        | Shamroy, Naum Levi                  | New York City           |
| Schmiedel, Alfred George         | New York City        | * Shapiro, Joseph                   | New York City           |
| * Schmitt, Cyril Stephen         | New York City        | Shapiro, Leon S                     | New York City           |
| * Schneider, Arthur Allen        | New York City        | Shapiro, Maxwell                    | New York City           |
| Schneider, Lewis                 | New York City        | Sharp, Rexford Wordsworth           | Madison, N. J.          |
| Schneiderman, George Harding     | New York City        | Shaw, Charles Edgar                 | Louisville, Kan.        |
|                                  |                      | Shaw, Charles Irwin                 | New York City           |
|                                  |                      | Sheeley, Joseph Edward              | Washington Depot, Conn. |
| Schoedinger, Paul Siebert        | Columbus, Ohio       | Sheerin, Edward Raymond             | New York City           |
| Schoenemann, Oscar Paul          | New York City        | Shefkowitz, Herman David            | New York City           |
| * Schoenfeld, A. Edward          | New York City        | Sheftel, Julius                     | New York City           |
| Schorr, Moe                      | New York City        | * Shendell, David                   | New York City           |
| Schorsch, Nathan                 | New York City        | Sherry, Harold John                 | New York City           |
| Schramm, Raymond Francis         | Scranton, Pa.        | Sherwin, Julius                     | New York City           |
| Schreiber, Martin                | New York City        | Sherwin, Sidney Alexander           | New York City           |
| Schuderer, Walter Nicholas       | Utica, N. Y.         | Shiebler, Howard Adeo               | New York City           |
| Schuh, Charles                   | Flemington, N. J.    | * Shields, Vincent Joseph           | New York City           |
| Schulman, Abraham                | New York City        | Shigon, Aaron                       | New York City           |
| Schuster, Ira Josephs            | New York City        | Shigon, Henry                       | New York City           |
| LL.B., Fordham, 1918             |                      | Shirk, Daniel Austin                | New York City           |
| Schwalberg, Reuben               | New York City        | Shuloff, Emil                       | New York City           |
| Schwartz, Jack                   | New York City        | Shwitzer, Samuel David              | New York City           |
| Schwartz, Paul Theodore          | New York City        | LL.B., 1903                         |                         |
| Schwartz, Ralph M.               | New York City        | Sibley, Horace Norman               | Troy, N. H.             |
| Schwartz, Solomon                | New York City        | Siebel, Gustave J.                  | Port Chester, N. Y.     |
| Schwartz, William Howard         | Atlantic City, N. J. | Siegel, Louis                       | Newark, N. J.           |
| Schwarz, Andrew                  | New York City        | Siegel, Milton Meyer                | New York City           |
| Schwarz, Arthur Donald           | Rochester, N. Y.     | Silberkraus, Robert                 | New York City           |
| Schwarz, Herbert Maier           | Paterson, N. J.      | Silberzweig, Ira Murray             | New York City           |
| * Schwarz, Ira Isaac             | Newark, N. J.        | Silcox, Robert Spencer              | New York City           |
| Ph.G., Coll. of Pharmacy, 1917   |                      | * Silverblatt, Theodore             | New York City           |
| Schwarz, Leo W.                  | New York City        | A.B., 1918                          |                         |
| Schwarz, Louis Adolph            | Yonkers, N. Y.       | Silverman, Abraham Meyer            | New York City           |
| Schwarz, Marc Emanuel            | New York City        | A.B., Trinity Coll. (Conn.), 1918   |                         |
| Schwepe, Henry Irving            | New York City        | Silverfenig, Abraham                | New York City           |
| Scott, Irving George             | New York City        | Silvers, William Tannel             | New York City           |
| Scott, John Winfield, Jr.        | East Orange, N. J.   | Silverstein, Samuel                 | Jersey City, N. J.      |
| Scott, Philip Boyer              | New York City        | * Silverstein, Samuel Wolf          | New York City           |
| Scovil, Aubrey Earle             | New York City        | Silverstone, Abraham Jacob          | New York City           |
| Scovil, Frances Kessler          | New York City        | Silverstone, Charles Mark           | New York City           |
| Seaman, Nathaniel                | New York City        | Simmons, Henry Sherman              | Boise, Idaho            |
| Seeger, Alvin                    | Peekskill, N. Y.     | Ph.B., M.A., Univ. of Chicago, 1915 |                         |
| Seele, Albert William            | New York City        | Simon, Charles Sigmund              | New York City           |
| Seesselberg, Charles L.          | New York City        |                                     |                         |
| Segal, Benjamin                  | Bensonhurst, N. Y.   |                                     |                         |

\* Indicates members of the Naval Unit.

|                               |                     |                                         |                     |
|-------------------------------|---------------------|-----------------------------------------|---------------------|
| *Simon, Harry                 | New York City       | Spitz, Peter Sydney                     | New York City       |
| Simoni, Clarence Charles      | New York City       | Spivak, Fred                            | New York City       |
| Simons, Charles Joseph        | East Orange, N. J.  | Springer, Harry A.                      | New York City       |
| LL.B., N. Y. Law School, 1918 |                     | Sproul, Albert E., Jr.                  | Passaic, N. J.      |
| Simonson, Earle Messner       | New York City       | Sproul, Harold Chester                  | Passaic, N. J.      |
| Simpson, Robert Middleton     | New York City       | Sprung, Charles                         | New York City       |
| Ph.B., N. Y. Univ., 1905      |                     | Stahl, Samuel                           | New York City       |
| * Singer, Edward              | New York City       | Stanard, John Barksdale                 | Newark, N. J.       |
| * Singer, Herman Herbert      | Paterson, N. J.     | * Standard, William L.                  | New York City       |
| * Singer, Jules Bernard       | New York City       | Stanislaw, Paul                         | New York City       |
| Singer, Leopold Henry         | New York City       | Stanwood, Robert Hewitt                 | Montclair, N. J.    |
| Sitomer, George               | New York City       | Stark, Alex.                            | Passaic, N. J.      |
| Skidmore, Arba Read           | New York City       | Stecker, William Walter                 | New York City       |
| Slade, B. Leonard             | New York City       | B.S., 1917                              |                     |
| * Slavetsky, Isidore Philip   | Bridgeport, Conn.   | Stein, Joseph F.                        | Long Branch, N. J.  |
| Slfakes, Max                  | New York City       | A.B., 1918                              |                     |
| Slepyan, Byron                | New York City       | Steinbugler, Lawrence Joseph            | New York City       |
| * Sloan, Charles Grant        | Carthago, Mo.       | * Steiner, Laurence Simon               | New York City       |
| Sloat, Aaron                  | New York City       | Steinschneider, Richard                 | Yonkers, N. Y.      |
| Slover, Warren Daniel         | Elmsford, N. Y.     | Stelle, Edward Taylor, Jr.              | Kingston, N. Y.     |
| Small, Frederick Rieth        | Newburgh, N. Y.     | Stern, Robert Louis S.                  | New York City       |
| Small, Sherman Todd           | New York City       | Sternberg, Harry                        | New York City       |
| Smith, Alfred Richmond        | New York City       | Sternberg, Victor Joseph                | New York City       |
| Smith, Arthur Joseph          | New York City       | Stewart, John Francis                   | Mamaroneck, N. Y.   |
| Smith, Arthur Woodruff        | New York City       | Stewart, John Lewis                     | Reno, Nev.          |
| Smith, Austin Harold          | Nutley, N. J.       | A.B., Harvard, 1910                     |                     |
| * Smith, Cornelius Ogden, Jr. | Newark, N. J.       | Stewart, Robert Bowman                  | New York City       |
| Smith, Foster Thomas          | Cranford, N. J.     | Stickle, Silas A.                       | New York City       |
| Smith, George Conklin Alden   | Bayport, N. Y.      | * Stimson, Samuel                       | New York City       |
| * Smith, George Minard        | Patten, Me.         | Stockhammer, Fabian                     | New York City       |
| Smith, Harris Kohlmann        | New York City       | Stone, Louis                            | New York City       |
| Smith, Harry William          | Meridale, N. Y.     | * Stone, Lyman Casper                   | New York City       |
| Smith, John Aloysius          | Jersey City, N. J.  | * Stone, Maurice Louis                  | New York City       |
| Smith, Mitchell William       | Verona, N. J.       | * Strangford, Raymond Lewis             |                     |
| Smith, Robert Charles         | New York City       |                                         | Easthampton, Mass.  |
| Smith, Robert James           | New York City       | * Strauss, Edward Henry                 | New York City       |
| Smith, Romeyn Woolsey         | Newark, N. J.       | * Strauss, Leo Henry                    | New York City       |
| Smith, Thomas Harvey          | Madison, Wis.       | Streightoff, Frank Hatch                | Westfield, Ind.     |
| Sniffen, Stewart Braisted     | White Plains, N. Y. | A.B., Wesleyan Univ., 1909; A.M., 1910; |                     |
| Soder, Frederick Charles      | New York City       | Ph.D., 1913                             |                     |
| Sokolofsky, Solomon           | New York City       | Stringer, Harry Roy                     | New York City       |
| Solomon, Edgar                | New York City       | Strong, George Williams                 | New York City       |
| Solomon, William              | New York City       | A.B., Rock Hill Coll., 1915             |                     |
| * Somolen, Morris             | New York City       | * Strouse, Irving Sittenfield           | New York City       |
| Soper, Willard Ernest         | Newark, N. J.       | B.S., 1918                              |                     |
| Southard, Percy Garner        | New York City       | Strutzenberg, Henry                     | New York City       |
| Spalding, Edward Elbridge     | New York City       | * Stumpp, George Otto                   | East Orange, N. J.  |
| A.B., Yale, 1905              |                     | Sturdevant, Edwin Ward                  |                     |
| Spence, Lewis Andrew          | New York City       |                                         | East Norwalk, Conn. |
| Spence, Payton Westbrook      | New York City       | Sugerman, Isaac                         | New York City       |
| B.S., 1918                    |                     | Sullivan, Daniel                        | New York City       |
| Sperling, Jack                | New York City       | Sussman, Lester                         | New York City       |
| Spero, Isidore R.             | New York City       | Swahn, Alfred Darrigrand                | New York City       |
| Spero, William                | New York City       | Swan, Henry Tilden, Jr.                 | Hancock, Md.        |
| Spielman, Frank               | New York City       | Swanson, Douglas Husted                 | New York City       |
| Spindler, August William      | Union Hill, N. J.   | Sweeney, Henry Whitcomb                 | New York City       |
| Spinelli, Donald Horace       | Newark, N. J.       | Swerdlove, Harry                        | New York City       |

\* Indicates members of the Naval Unit.



|                                  |                     |                                 |                        |
|----------------------------------|---------------------|---------------------------------|------------------------|
| Swift, Charles Henry             | New York City       | Turk, Richard Jason, Jr.        | Cresson, Pa.           |
| Sylvester, Charles L.            | New York City       | Turney, Robert Morgan           | Ridgefield Park, N. J. |
| Tag, Robert Robertson            | New York City       | Tuttle, Spencer C.              | Buchanan, N. Y.        |
| Tager, Arthur William            | New York City       | Twersky, Morris Boris           | New York City          |
| A.B., Harvard, 1918              |                     | Ph.G., 1914                     |                        |
| Taglianetti, Thomas J.           | New York City       | Twiss, John Russell             | Salt Lake City, Utah   |
| * Tarnower, Charles              | New York City       | Tyler, Robert David             | New York City          |
| Tartakow, Isaac J.               | New York City       | * Tylor, Edward Scott           | Washington, D. C.      |
| Taylor, Eustace Lowell           | New York City       | Tynan, Martin Francis           | New York City          |
| Taylor, Fred Anderson            | Lincoln Park, N. J. | Udell, Jerome Ira               | New York City          |
| Taylor, James Edgar              | New York City       | A.B., C. C. N. Y., 1918         |                        |
| Terhune, Alfred McKinley         | Newark, N. J.       | Ullman, Leon                    | New York City          |
| Terhune, George Albert           | Arlington, N. J.    | Ullman, Leon Meyer              | Buffalo, N. Y.         |
| Terpening, Armand Percy          | New York City       | Ullman, Max George              | New York City          |
| Tewksbury, Donald George         |                     | Umenhofer, Howard Adolph        | Bergenfield, N. J.     |
|                                  | New Haven, Conn.    | Ungar, Eugene Jack              | Jersey City, N. J.     |
| Thatcher, Harold Wesley          | New York City       | * Unger, Morris                 | New York City          |
| Theel, Rudolph                   | New York City       | Uris, Percy                     | New York City          |
| * Thomas, Walter Meredith        | Utica, N. Y.        | Vado, Ignacio Victor            | New York City          |
| * Thompson, Kenneth Ralph        | New York City       | Van Buren, Arthur Henry         | Hobart, N. Y.          |
| Thomson, Charles Edward, Jr.     | Scranton, Pa.       | * Vanderlaan, Theodore          | Mamaroneck, N. Y.      |
| A.B., St. Thomas Coll., 1918     |                     | Van Horn, Prescott              | Peekskill, N. Y.       |
| Thorburn, William Forbes Alex.   |                     | Van Nort, Joseph Sands          | Scranton, Pa.          |
|                                  | New York City       | Van Raalte, Morton Emanuel      | New York City          |
| Throckmorton, John Sansbury, Jr. |                     | Van Sichen, Edward Horsman      | New York City          |
|                                  | Caldwell, N. J.     | Van Sichen, Harold Russell      | Hollis, N. Y.          |
| Tichenor, Sherman Paddock        | Caldwell, N. J.     | Van Wagenen, Harold Sahler      | Caldwell, N. J.        |
| Tietjen, Herbert                 | New York City       | Van Zandt, William Wynant       | New York City          |
| Tilly, Alexander                 | New York City       | Vena, John J.                   | Jersey City, N. J.     |
| Timmins, Joseph John             | New York City       | * Villari, Anthony              | New York City          |
| Tishman, Jack Arthur             | New York City       | Villaume, Frederick Henry       | New York City          |
| Titterton, Donald Williams       | Orange, N. J.       | Voegel, August Edmond           | New York City          |
| Tobias, Charles Howard           | New York City       | Vogel, Robert M.                | New York City          |
| A.B., 1918                       |                     | Vollmers, Henry Edward, Jr.     | New York City          |
| Tobin, George Scott              | New York City       | Voorhees, John Sharp            | New York City          |
| Toglia, Vito Giovanni            | New Rochelle, N. Y. | Vorhaus, David                  | New York City          |
| A.B., Harvard, 1912              |                     | A.B., Harvard 1915; LL.B., 1918 |                        |
| Tomberg, Leo                     | New York City       | Voss, Morris                    | New York City          |
| Tompkins, Norman Findlay         |                     | * Wachs, Bernard Harris         | Philadelphia, Pa.      |
|                                  | Port Chester, N. Y. | Wachsmann, Herbert Martin       | Edward                 |
| Tow, Abraham                     | New York City       |                                 | New York City          |
| Tower, William Burchard          |                     | * Wacht, Jesse                  | New York City          |
|                                  | New Rochelle, N. Y. | Waddell, James Coulter          | Villa Park, N. J.      |
| Townsend, Thomas                 | Carmel, N. Y.       | Waentig, Paul Edward            | New York City          |
| Traub, John Emil                 | New York City       | * Wagman, William               | New York City          |
| Traver, Carlton Judson           | Rhinebeck, N. Y.    | Wagner, John Clopton, Jr.       | New York City          |
| Treadwell, Arthur Burr           | Poughkeepsie, N. Y. | Wagner, Warren Franklin         | Port Jervis, N. Y.     |
| Troeder, Paul Peter              | Belleville, N. J.   | * Wagner, William Wadsworth     |                        |
| Tropp, James                     | New York City       |                                 | New York City          |
| Trowbridge, George Phillips      | New York City       | Wahl, John Wilbur               | New Providence, N. J.  |
| Trumbour, Edward Augustine       |                     | Waldecker, Sydney Clarence      | New York City          |
|                                  | New York City       | * Waldman, David                | Jersey City, N. J.     |
| Tuch, Charles                    | New York City       | Waldron, Carlton Wynne          | Sloatsburg, N. Y.      |
| Tucker, Nelson King              | East Orange, N. J.  | Waldron, Edward Day             | Calipan, N. J.         |
| Tunison, Harold Clermont         | Norfolk, Va.        | * Walford, Kenneth Clinton      | New York City          |
| Turani, George Anthony           | New York City       | Walke, Roger Selden             | Ridgewood, N. J.       |
| Turk, Milton                     | New York City       | Walker, Arthur Lucian, Jr.      | New York City          |

\* Indicates members of the Naval Unit.



|                                        |                     |                                               |                          |
|----------------------------------------|---------------------|-----------------------------------------------|--------------------------|
| Walker, Frederick William, Jr.         | New York City       | Werner, Walter A.                             | Suffern, N. Y.           |
| Walker, Thomas Dixon                   | New York City       | Wertheimer, M. Albert                         | Toledo, Ohio             |
| Walker, William David                  | Frostburg, Md.      | * Wesch, Alfred Harold                        | New York City            |
| Wallace, Schuyler Crawford             | New York City       | Wescott, William Clifford                     | Atlantic City, N. J.     |
| * Walsh, Edward Francis                | Providence, R. I.   | * Wesley, Walter Francis                      | Holyoke, Mass.           |
| Walsh, Maurice C.                      | Yonkers, N. Y.      | Wessel, Arthur Louis                          | New York City            |
| B.S., 1918                             |                     | West, James Wilbur                            | North Long Branch, N. J. |
| Walsh, Raymond Hamilton                | Pawling, N. Y.      | Wetmore, Donald Norbert                       | Camden, N. Y.            |
| Walter, Martin August                  | Garfield, N. J.     | Whitehill, Clayton Sandberg                   | Philadelphia, Pa.        |
| Walters, Harold Wilbur                 | Delawanna, N. J.    | Whiting, William Arthur                       | New York City            |
| Walton, Stephen George                 | New York City       | Whitman, Grant                                | New Haven, Conn.         |
| Waltz, John William                    | New York City       | Whitman, John Paul                            | Bristol, Conn.           |
| Walworth, Theodore Holton              | Greenwich, Conn.    | Whitney, Lloyd Harrison                       | Stamford, Conn.          |
| Ward, Joseph Vincent                   | New York City       | Whittles, Lee Jay                             | Gildersleeve, Conn.      |
| Warner, James Arthur                   | New York City       | Wiener, Harry C.                              | New York City            |
| Warshauer, Bernard                     | New York City       | Wiener, Joseph                                | New York City            |
| Warshawsky, Samuel Louis               | New York City       | Wiener, Mervin Gerald                         | Newark, N. J.            |
| Warsher, Adolph                        | New York City       | A.B., 1916                                    |                          |
| Warth, John Albin                      | New York City       | * Wiesenberger, Arthur                        | New York City            |
| * Waterbury, Russell Albert            |                     | Wieser, Benjamin                              | New York City            |
|                                        | White Plains, N. Y. | Wigdowitz, Harry Abram                        | New York City            |
|                                        |                     | D.D.S., N. Y. Coll. of Dentistry, 1918        |                          |
| Watson, Lester Richard                 | New York City       | Wiggins, Harry Howard, Jr.                    | Floral Park, N. Y.       |
| Watts, Stephen Richard                 | New York City       | Wilcox, Clark Ross                            | New York City            |
| * Wattson, Harry Bell                  | Rutherford, N. J.   | Wilder Louis                                  | New York City            |
| Wear, Earl William                     | Middletown, N. Y.   | D.D.S., Coll. of Dental and Aural Surg., 1918 |                          |
| Webb, George Raymond                   | Buffalo, N. Y.      | Wildman, Emanuel V.                           | New York City            |
| B.S., 1914                             |                     | Wilensky, Nathan William                      | New York City            |
| Weber, Morris                          | New York City       | Wilhelm, Seymour Frederick                    | New York City            |
| Webster, Carlos Green, Jr.             | New York City       | Will, Frederick Parker                        | New York City            |
| Wechsler, Abraham Fisher               | New York City       | Williams, Frederic Allen, Jr.                 | New York City            |
| Wechsler, Jacob Jackson                | Hoboken, N. J.      | Williams, Frank Thomas                        | Jenkintown, Pa.          |
| Weed, William Dietrich                 | Stamford, Conn.     | Williams, Gurdon Hunter                       | New York City            |
| Weegler, Julius                        | New York City       | Williams, Harold Jesse                        | Port Chester, N. Y.      |
| Weekes, Lester Herbert, Jr.            | New York City       | Williams, Oliver H. D.                        | New York City            |
| Weiler, Merrill Grant, Jr.             | New York City       | Williams, Russell                             | Bangor, Pa.              |
| Weiler, Reginald B.                    | New York City       | Williams, Vernon Phillips                     | Minneapolis, Minn.       |
| Weill, David A.                        | New York City       | Wilmer, Ringgold Wilson                       | New York City            |
| * Weinberg, Frederick Edward           | New York City       | Wilson, James C.                              | New York City            |
| * Weingarten, Irving                   | New York City       | B.S., C. C. N. Y., 1918                       |                          |
| Weinstein, David                       | New York City       | Wilson, Wesley James                          | Carmel, N. Y.            |
| Weinstein, Elias                       | New York City       | Wimpfheimer, Seymour                          | New York City            |
| Weinstein, William Jules               | New York City       | Winstine, Norman                              | New York City            |
| Weinstock, Harry Irving                | New York City       | A.B., Yale, 1914                              |                          |
| * Weintraub, Paul                      | New York City       | Winfield, Richard Percy                       | New York City            |
| Weintraub, Sidney                      | Peekskill, N. Y.    | Wissert, Edward Joseph                        | Rutherford, N. J.        |
| Weinzweig, Max                         | New York City       | * Withus, Carl Michael                        | East Orange, N. J.       |
| Weisberg Isidore                       | New York City       | * Witte, Frederick Christopher                | New York City            |
| Weisenfeld, Samuel Budwin              | Jersey City, N. J.  | Wofford, Harris Llewellyn                     | Johnson City, Tenn.      |
| Weismann, Joseph                       | New York City       | Wohl, Abe C.                                  | Newark, N. J.            |
| Weiss, Charles Douglas                 | New York City       | Wohl, Charles                                 | New York City            |
| Ph.G., Brooklyn Coll. of Pharmacy, '18 |                     | Wohlfeld, Louis                               | New York City            |
| Weiss, Mortimer Harold                 | Newark, N. J.       | * Wolf, Ralph                                 | Richmond, Va.            |
| Weitzman, Charles Colman               | New York City       | * Wolff, Bertram                              | New York City            |
| Welinsky, Abe                          | New Britain, Conn.  | * Wolff, Fred Gustav                          | New York City            |
| Wenman, Frederick Aldis                | New York City       | Wolters, Henry William                        | Jersey City, N. J.       |
| Wentz, Herman Harry                    | Elmore, Minn.       |                                               |                          |
| Werden, Joseph                         | New York City       |                                               |                          |

\* Indicates members of the Naval Unit.

|                                                 |                    |                             |                   |
|-------------------------------------------------|--------------------|-----------------------------|-------------------|
| Wood, William Eastman                           | New York City      | Zavatt, Joseph Carmine      | Lawrence, N. Y.   |
| Woodbridge, Frederick James                     | Montrose, N. Y.    | Zeidler, William August     | New York City     |
| Woodford, Claud Thurston                        | Nutley, N. J.      | * Zeiger, Samuel            | New York City     |
| Worcester, Maurice Be Dell                      | New York City      | A.B., 1917                  |                   |
| Worden, Edson Giffen                            | New York City      | Zelenko, Alexander Disraeli | New York City     |
| Worden, Fulton Connell                          | New York City      | Zelenko, Bernard            | New York City     |
| Work, Lincoln Thomas                            | Yonkers, N. Y.     | Zelenko, Charles            | New York City     |
| A.B., 1918                                      |                    | Zelvin, Philip              | New York City     |
| * Wormser, Richard Samuel                       | New York City      | Zeuner, Frederick Henry     |                   |
| Worth, Benjamin                                 | New York City      | Hastings-on-Hudson, N. Y.   |                   |
| Wright, Carlyle                                 | New York City      | Zimmerman, Allan            | New York City     |
| Wright, James Edmund                            | Caldwell, N. J.    | * Zorn, Edward              | New York City     |
| Wyckoff, Alexander                              | Leonia, N. J.      | * Zucker, Joseph            | Philadelphia, Pa. |
| Yaeger, Louis                                   | New York City      | * Zwart, Bernardus          | Glenbrook, Conn.  |
| Yankauer, Walter David                          | New York City      | Zweighthoft, James Fabian   | New York City     |
| Yates, Russell Metzler, Colorado Springs, Colo. |                    | Zychlinski, Lech Wojciech   | New York City     |
| Young, Harold Arthur                            | East Orange, N. J. | B.S., 1917                  |                   |
| Young, Nathan Cy                                | New York City      |                             |                   |
| Young, Russell Southworth                       | Yonkers, N. Y.     |                             |                   |
| Youseberg, Louis Israel                         | New York City      |                             |                   |
| Yustman, Joseph                                 | New York City      |                             |                   |
| Zaretzki, Joseph                                | New York City      |                             |                   |

## SUMMARY

|                                         |       |
|-----------------------------------------|-------|
| Students' Army Training Corps . . . . . | 1,855 |
| Naval Unit . . . . .                    | 320   |
| Total                                   | 2,175 |

\* Indicates members of the Naval Unit.

# REGISTER OF STUDENTS

## SCHOOL OF LAW

### GRADUATE STUDENTS—CANDIDATES FOR THE DEGREE OF MASTER OF LAWS

|                                                                     |                 |                                                |                     |
|---------------------------------------------------------------------|-----------------|------------------------------------------------|---------------------|
| Becker, Louis                                                       | New York City   | Buchanan, Oswald Claxton                       | Corning, N. Y.      |
| LL.B., 1917; A.M., 1898; Ph.B., N. Y. Univ., 1896                   |                 | A.B., Colgate, 1914                            |                     |
| Kang, Shih-min                                                      | Shanghai, China | Buland, George Leonard                         | Castle Rock, Wash.  |
| LL.B., Pei-yang Univ., 1917                                         |                 | A.B., Reed, 1916                               |                     |
| King, Wunsz                                                         | Chekiang, China | Caster, George Brown                           | Leon, Iowa          |
| LL.B., Pei-yang Univ., 1915                                         |                 | A.B., Univ. of California, 1916                |                     |
| Li, Fan                                                             | Nanking, China  | Cohn, Paul Louis                               | Springfield, Mass.  |
| B.S. Commercial College, Nanking, 1910; LL.B., Pei-yang Univ., 1915 |                 | A.B., Harvard, 1912                            |                     |
| Martinez, Felix Luis                                                | Habana, Cuba    | Darlington, Elliott Christopher                | Bearns              |
| A.B., Camaguey Inst., 1910; LL.D., Habana Univ., 1916               |                 | A.B., 1917                                     | Harrisburg, Pa.     |
| Parra, Pascual Luna, Jr.                                            | Puebla, Mexico  | Edelman, Irvin Alfred                          | New York City       |
| Jurisprudence School, Mexico City, 1899                             |                 | B.S., N. Y. Univ., 1917                        |                     |
|                                                                     |                 | Esberg, Benjamin                               | New York City       |
|                                                                     |                 | B.S., Univ. of Pennsylvania, 1915              |                     |
|                                                                     |                 | Foley, Vern Roscoe                             | Rock Rapids, Iowa   |
|                                                                     |                 | A.B., Iowa State, 1915                         |                     |
|                                                                     |                 | Gildersleeve, Roger Morton                     |                     |
|                                                                     |                 |                                                | Poughkeepsie, N. Y. |
|                                                                     |                 | A.B., Williams, 1915                           |                     |
|                                                                     |                 | Girdner, Frederic William                      | New York City       |
|                                                                     |                 | A.B., 1916                                     |                     |
|                                                                     |                 | Gold, George                                   | Paterson, N. J.     |
|                                                                     |                 | A.B., 1918                                     |                     |
|                                                                     |                 | Gotshal, Sylvan                                | Memphis, Tenn.      |
|                                                                     |                 | A.B., Vanderbilt, 1917; A.M., Vanderbilt, 1918 |                     |
|                                                                     |                 | Gray, Douglas Robinson                         | New York City       |
|                                                                     |                 | A.B., Harvard, 1915                            |                     |
|                                                                     |                 | Gross, Joseph Myron                            | Cincinnati, Ohio    |
|                                                                     |                 | Cincinnati Univ.                               |                     |
|                                                                     |                 | Herman, Harry Grant                            | New York City       |
|                                                                     |                 | B.S., 1917                                     |                     |
|                                                                     |                 | Herson, Charles Joseph                         | New York City       |
|                                                                     |                 | A.B., C. C. N. Y., 1917                        |                     |
|                                                                     |                 | Hubbell, George Loring, Jr.                    |                     |
|                                                                     |                 |                                                | Garden City, N. Y.  |
|                                                                     |                 | A.B., Williams, 1915                           |                     |
|                                                                     |                 | Jacobs, Avron Myer                             | Albany, N. Y.       |
|                                                                     |                 | A.B., Union, 1916                              |                     |
|                                                                     |                 | Jame, Joseph                                   | New York City       |
|                                                                     |                 | A.B., N. Y. Univ., 1916                        |                     |
|                                                                     |                 | Kahn, Henry Rodger                             | New York City       |
|                                                                     |                 | A.B., 1917                                     |                     |
|                                                                     |                 | Kane, Ralph Freeborn                           | New York City       |
|                                                                     |                 | A.B., 1916                                     |                     |
|                                                                     |                 | Kaneko, Ginjiro                                | Tokyo, Japan        |
|                                                                     |                 | Springfield Y. M. C. A. Coll., B. Hum., 1912   |                     |
|                                                                     |                 | King, Bernard Herbert                          | Greenfield, N. Y.   |
|                                                                     |                 | A.B., C. C. N. Y., 1915                        |                     |

### THIRD YEAR—CLASS OF 1919

|                                                                               |                     |  |  |
|-------------------------------------------------------------------------------|---------------------|--|--|
| Abrahams, Morton                                                              | New York City       |  |  |
| A.B., C. C. N. Y., 1916                                                       |                     |  |  |
| Affleck, James Gelston, Jr.                                                   | Yonkers, N. Y.      |  |  |
| Ph.B., A.M., Brown Univ., 1914                                                |                     |  |  |
| Alzamora, Isaac, Jr.                                                          | New York City       |  |  |
| A.B., 1917                                                                    |                     |  |  |
| Anderson, James Glenn                                                         | East Orange, N. J.  |  |  |
| A.B., Middlebury, 1915                                                        |                     |  |  |
| Atwood, Kimball Chase, Jr.                                                    | New York City       |  |  |
| A.B., 1916                                                                    |                     |  |  |
| Baldwin, Donald Robinson                                                      | New York City       |  |  |
| A.B., Cornell, 1916                                                           |                     |  |  |
| Beren, Carl Mendell                                                           | Parkersburg, W. Va. |  |  |
| A.B., Marietta, 1916                                                          |                     |  |  |
| Berger, Samuel                                                                | Rochester, N. Y.    |  |  |
| A.B., Univ. of Rochester, 1917                                                |                     |  |  |
| Bolowicz, Felix W.                                                            | Plymouth, Pa.       |  |  |
| A.B., Dickinson Coll., 1917                                                   |                     |  |  |
| Brady, George Washington                                                      |                     |  |  |
|                                                                               | New Britain, Conn.  |  |  |
| A.B., Colgate, 1914                                                           |                     |  |  |
| Braun, Christian William                                                      | Paterson, N. J.     |  |  |
| Litt.B., Rutgers, 1916                                                        |                     |  |  |
| Brown, Alexander                                                              | New York City       |  |  |
| B.S., 1914; A.M., 1915; Ph.D., 1916; M.D., N. Y. Homeopathic Med. Coll., 1909 |                     |  |  |
| Browne, Rollin                                                                | Talladega, Ala.     |  |  |
| A.B., Univ. of Alabama, 1915; LL.B., 1916                                     |                     |  |  |
| Bryce, Peter Cooper                                                           | New York City       |  |  |
| A.B., Yale, 1913                                                              |                     |  |  |

|                                        |                      |                                |                    |
|----------------------------------------|----------------------|--------------------------------|--------------------|
| Knox, John Paige                       | New York City        | Sully, Wilberforce, Jr.        | New York City      |
| A.B., 1918                             |                      | B.S., Dartmouth, 1916          |                    |
| Lake, Edward Clay                      | De Queen, Ark.       | Tappen, Clarence Muir          | Jersey City, N. J. |
| A.B., Univ. of Arkansas, 1914          |                      | A.B., Princeton, 1916          |                    |
| Leerburger, Benedict Aaron             | New York City        | von Bernuth, Anton Frederick   |                    |
| B.S., 1917                             |                      | A.B., 1917                     | Whitestone, N. Y.  |
| Lerner, Julius                         | New York City        | Ward, Peter Thomas             | New York City      |
| B.S., C. C. N. Y., 1916                |                      | A.B., 1917                     |                    |
| Levie, Mortimer Joseph                 | New York City        | Warshow, Joseph                | New York City      |
| B.S., 1917                             |                      | A.B., 1917                     |                    |
| Levy, Milton Fowler                    | New York City        | Wiener, Mervin Gerald          | Newark, N. J.      |
| A.B., 1917                             |                      | A.B., 1916                     |                    |
| Lopacki, Sigismund Maryan              | Niagara Falls, N. Y. | Winn, Milton                   | New York City      |
| A.B., Niagara, 1916                    |                      | B.S., 1917                     |                    |
| McCallum, Kenneth Lee                  | New York City        | Wise, Raymond Leo              | Great Neck, N. Y.  |
| B.S., 1916                             |                      | A.B., 1916                     |                    |
| McEntegart, Patrick Joseph             | New York City        | Wood, Orville Wallace          | Dallas, Tex.       |
| Manhattan Coll.                        |                      | A.B., Univ. of Texas, 1916     |                    |
| Manges, Horace Samuel                  | New York City        | Wormser, René Albert           | New York City      |
| A.B., 1917                             |                      | B.S., 1917                     |                    |
| Mann, Harvey Theodore                  | Perth Amboy, N. J.   | Yerkes, Harry A., Jr.          | New York City      |
| B.Litt., Rutgers, 1916                 |                      | B.S., 1917                     |                    |
| Mannheimer, Albert                     | New York City        | Zeiger, Samuel                 | New York City      |
| A.B., C. C. N. Y., 1917                |                      | A.B., 1917                     |                    |
| Mattison, Sidney                       | New York City        | SECOND YEAR—CLASS OF 1920      |                    |
| B.S., 1918                             |                      | Arnold, Julian                 | New York City      |
| Miller, Howard Verplanck               | Ridgewood, N. J.     | A.B., Yale, 1917               |                    |
| A.B., 1916                             |                      | Barker, Henry Nevils           | Bristol, Tenn.     |
| Moore, Maurice Thompson                | Depart, Tex.         | A.B., Washington and Lee, 1914 |                    |
| A.B., Trinity (Tex.), 1915; A.M., 1916 |                      | Beals, John David, Jr.         | New York City      |
| Moskowitz, Morris A.                   | New York City        | A.B., 1917                     |                    |
| A.B., C. C. N. Y., 1916                |                      | Behr, Allison Susholz          | Amsterdam, N. Y.   |
| Newman, Jerome Andrew                  | New York City        | A.B., Union Coll., 1917        |                    |
| A.B., 1917                             |                      | Bernstein, Philip              | Newark, N. J.      |
| Orleans, Ilo Louis                     | New York City        | C. C. N. Y.                    |                    |
| A.B., 1916                             |                      | Blum, Robert Jean              | Bellaire, Ohio     |
| Ostrow, Emanuel Munick                 | New York City        | Univ. of Michigan              |                    |
| A.B., Cornell, 1915                    |                      | Bowers, Frank Collis           | New York City      |
| Parsons, Theodore Dwight               | Shrewsbury, N. J.    | A.B., 1918                     |                    |
| A.B., Princeton, 1915                  |                      | Bull, Clifton Banham, Jr.      | Yonkers, N. Y.     |
| Pike, Morris Emanuel                   | New York City        | A.B., 1918                     |                    |
| A.B., N. Y. Univ., 1915                |                      | Burgunder, Bernard Frank       | New York City      |
| Reinheimer, Howard Emanuel             | New York City        | A.B., Cornell, 1918            |                    |
| A.B., 1917                             |                      | Burns, Edward John             | Mohawk, N. Y.      |
| Rhyne, Jake Osmand                     | Ashdown, Ark.        | A.B., Cornell, 1917            |                    |
| A.B., Univ. of Arkansas, 1913          |                      | Butt, John Pendleton           | Gettysburg, Pa.    |
| Ricca, Anthony Vetran                  | Jersey City, N. J.   | A.B., Pennsylvania Coll., 1915 |                    |
| A.B., Princeton, 1915                  |                      | Chang, Tze Zaung               | Shanghai, China    |
| Schwartz, Louis Santop                 | New York City        | Univ. of California            |                    |
| C. C. N. Y.                            |                      | Cunningham, Francis de Lancey  | New York City      |
| Shepard, Royal Francis                 | Newark, N. J.        | A.B., Harvard, 1916            |                    |
| A.B., 1917                             |                      | Del Bello, Sylvester William   | Yonkers, N. Y.     |
| Spooner, Malcolm Graeme                | Brookfield, N. Y.    | A.B., Manhattan Coll., 1917    |                    |
| A.B., 1913                             |                      | Dohm, John Christian           | New York City      |
| Sternfeld, Milton Hymes                | Albany, N. Y.        | A.B., 1918                     |                    |
| A.B., Union, 1916                      |                      | Drake, Joseph William          | New York City      |
| Sturges, Wesley Alba                   | Washington, D. C.    | A.B., C. C. N. Y., 1916        |                    |
| Ph.B., Univ. of Vermont, 1915          |                      |                                |                    |



|                             |                     |                              |                    |
|-----------------------------|---------------------|------------------------------|--------------------|
| Drescher, Charles           | New York City       | Pines, Robert Abraham        | New York City      |
| A.B., C. C. N. Y., 1918     |                     | A.B., 1918                   |                    |
| Durst, Abraham              | Rahway, N. J.       | Probst, Nathan, Jr.          | New York City      |
| A.B., 1918                  |                     | A.B., 1918                   |                    |
| Eggleston, Jere Dudley      | Meriden, Conn.      | Regan, Joseph Gerard         | New York City      |
| A.B., Cornell, 1916         |                     | Columbia College             |                    |
| Fixman, Edmund Joseph       | New York City       | Rosenblum, David Ingersoll   | New York City      |
| A.B., N. Y. Univ., 1916     |                     | B.S., 1918                   |                    |
| Friedenberg, David          | West Hoboken, N. J. | Samuelson, Norman Harold     | New York City      |
| A.B., 1918                  |                     | A.B., C. C. N. Y., 1917      |                    |
| Gallagher, James Ambrose    | New York City       | Schoenbrod, Edward Joseph    | New York City      |
| A.B., Iowa State, 1918      |                     | A.B., 1918                   |                    |
| Gibson, James Broderick     | New York City       | Sheldon, Bruce Smith         | New York City      |
| A.B., 1918                  |                     | Columbia Coll.               |                    |
| Gifford, James Parsons      | White Plains, N. Y. | Shulman, Herman              | Troy, Ala.         |
| A.B., Harvard, 1914         |                     | B.S., Univ. of Alabama, 1917 |                    |
| Grusky, Henry               | Newburgh, N. Y.     | Sneider, Leopold James       | Asbury Park, N. J. |
| A.B., Yale, 1917            |                     | A.B., N. Y. U., 1918         |                    |
| Hays, Mortimer              | New York City       | Spelke, Max                  | Stamford, Conn.    |
| A.B., C. C. N. Y., 1918     |                     | A.B., Dartmouth, 1916        |                    |
| Heath, Julian Dewey         | New York City       | Spiriti, Manlio Humbert      | Rochester, N. Y.   |
| B.S., 1917                  |                     | A.B., Syracuse Univ., 1917   |                    |
| Hequembourg, Theodore Marsh |                     | Suchman, Harry               | New York City      |
|                             | New York City       | A.B., C. C. N. Y., 1915      |                    |
| A.B., Yale, 1915            |                     | Trachman, Herman I.          | New York City      |
| Hirshfield, Ira Wilson      | New York City       | A.B., C. C. N. Y., 1917      |                    |
| A.B., 1917                  |                     | Warner, Daniel Dudley        | New York City      |
| Huffman, Russell            | Lapel, Ind.         | B.S., 1918                   |                    |
| A.B., Wabash Coll., 1912    |                     | Weintraub, Paul              | New York City      |
| Hummel, Adolph S.           | New York City       | A.B., 1918                   |                    |
| A.B., C. C. N. Y., 1917     |                     | Weissman, Abraham Sydney     |                    |
| Kenyon, Douglas Houston     |                     |                              | New Haven, Conn.   |
|                             | Kew Gardens, N. Y.  | A.B., Yale, 1918             |                    |
| B.Litt., Princeton, 1916    |                     | Whitsitt, Vincent Porter     | Greensburg, Ind.   |
| Kirsh, Benjamin Sollow      | New York City       | A.B., De Pauw Univ., 1914    |                    |
| A.B., 1918                  |                     | Yankauer, Walter David       | New York City      |
| Kreeger, Harry Leo          | New York City       | A.B., 1918                   |                    |
| A.B., N. Y. U., 1918        |                     |                              |                    |
| Lehmayer, Sylvan, Jr.       | New York City       |                              |                    |
| A.B., Harvard, 1916         |                     |                              |                    |
| McClumpha, Charles Wesley   |                     |                              |                    |
|                             | Amsterdam, N. Y.    |                              |                    |
| A.B., 1918                  |                     |                              |                    |
| McCurdy, Russell Kendall    | Portsmouth, Ohio    |                              |                    |
| A.B., Ohio Wesleyan, 1916   |                     |                              |                    |
| McKinley, Silas Bent        | St. Louis, Mo.      |                              |                    |
| A.B., Harvard, 1916         |                     |                              |                    |
| Malcolm, Talbot Marion      | New York City       |                              |                    |
| A.B., Cornell, 1918         |                     |                              |                    |
| Martin, George Washington   | New York City       |                              |                    |
| A.B., 1917                  |                     |                              |                    |
| Minturn, Thomas Joseph      | New York City       |                              |                    |
| B.S., 1917                  |                     |                              |                    |
| Nayfack, Bertram S.         | New York City       |                              |                    |
| A.B., 1918                  |                     |                              |                    |
| Newman, Edward Leo          | New York City       |                              |                    |
| Univ. of Chicago            |                     |                              |                    |
| Nichols, George Edward      | Newman, Ill.        |                              |                    |
| A.B., Yale, 1917            |                     |                              |                    |

## FIRST YEAR—CLASS OF 1921

|                                            |                    |
|--------------------------------------------|--------------------|
| Adler, Philip                              | New York City      |
| A.B., C. C. N. Y., 1918                    |                    |
| Anthony, Elijah                            | Jamestown, R. I.   |
| A.B., Brown, 1918                          |                    |
| Arena, John                                | New York City      |
| Ph.G., N. Y. Coll. Phar., 1904; M.D., 1910 |                    |
| Ascher, Charles Stern                      | New York City      |
| Senior in Columbia Coll.                   |                    |
| Baer, Lawrence Henry                       | Nyack, N. Y.       |
| Senior in Columbia Coll.                   |                    |
| Beckwith, Harry A.                         | New Britain, Conn. |
| B.S., Univ. of Pennsylvania, 1917          |                    |
| Bennet, Augustus Witschief                 | New York City      |
| A.B., Amherst, 1918                        |                    |
| Black, William                             | Pittsburgh, Pa.    |
| A.B., Princeton 1918                       |                    |
| Block, Benjamin Farber                     | Butler, N. J.      |
| Senior in Columbia Coll.                   |                    |
| Blutreich, Arthur Paul                     | New York City      |
| A.B., C. C. N. Y., 1918                    |                    |

|                                                                         |                    |                                                                                           |                      |
|-------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------|----------------------|
| Borgwald, Harold Fred<br>A.B., Colgate, 1918                            | Mt. Vernon, N. Y.  | Hamlin, Bryan<br>A.B., Williams, 1917                                                     | New York City        |
| Brady, David<br>A.B., Trinity (N. C.), 1917                             | Durham, N. C.      | Horan, Stanley Gray<br>Senior in Columbia Coll.                                           | New York City        |
| Brennan, Henry Mott<br>Senior in Columbia Coll.                         | New York City      | Howell, Sidney Preswick                                                                   | Ithaca, N. Y.        |
| Callahan, Arthur Raymond<br>A.B., St. John's, 1918                      | New York City      | Johnson, Scot<br>Univ. of Arkansas                                                        | Fort Smith, Ark.     |
| Campbell, Colin Bown<br>Senior in Columbia Coll.                        | New York City      | Keith, William Steptoe<br>A.B., Ala. Presbyterian, 1914; A.M., Univ.<br>of Virginia, 1917 | New York City        |
| Cloutman, Harold Joseph<br>B.S., Bates, 1916                            | Conway, N. H.      | Keogh, Thomas<br>Senior in Columbia Coll.                                                 | New York City        |
| Cohen, Joseph Henry<br>Senior in Columbia Coll.                         | New York City      | Kinderwater, William John<br>A.B., Dubuque, 1904                                          | Alberta, Canada      |
| Cohn, Samuel<br>Senior in Columbia Coll.                                | New York City      | Kuo, Yun-Kuan<br>LL.B., Pei-yang, 1915                                                    | Wenchow, China       |
| Coleman, Aaron Barnett<br>A.B., 1917                                    | New York City      | Lang, Joseph<br>Senior in Columbia Coll.                                                  | New York City        |
| Colin, Ralph Frederick<br>C. C. N. Y.                                   | New York City      | Lester, Charles Tuck<br>B.S., Union, 1917                                                 | New York City        |
| Cornell, George Washington, Jr.<br>A.B., Amherst, 1918                  | New York City      | Le Valley, Victor Ritzendollar<br>Ph.B., Brown, 1917                                      | Long Branch, N. J.   |
| Cox, William Henry Dickerson<br>Senior in Columbia Coll.                | Newark, N. J.      | Levey, Irving Lawrence<br>A.B., C. C. N. Y., 1918                                         | New York City        |
| Crane, Frederick Ralph<br>Litt.B., Princeton, 1918                      | New York City      | Loughlin, Edward Vincent<br>A.B., Fordham, 1918                                           | New York City        |
| Darmstatter, Norman Ernest<br>Senior in Columbia Coll.                  | Passaic, N. J.     | McCaffrey, Michael Edward<br>A.B., St. Bonaventure's, 1918                                | Allegany, N. Y.      |
| Dawson, Frederick Thomas<br>Litt.B., Princeton, 1910; A.M., Union, 1914 | New York City      | Maloney, Edward Albert<br>B.S., N. Y. Univ., 1918                                         | Yonkers, N. Y.       |
| De Yoe, Willard Lydecker<br>Litt.B., Princeton, 1917                    | Paterson, N. J.    | Manee, William Britton<br>Litt.B., Princeton, 1918                                        | New York City        |
| Eisner, Mortimer<br>A.B., Amherst, 1917                                 | Newark, N. J.      | Manheimer, Jacob Seligman<br>A.B., C. C. N. Y., 1918                                      | New York City        |
| Feller, Henry<br>Senior in Columbia Coll.                               | New York City      | Marks, Norman Lincoln<br>A.B., C. C. N. Y., 1918                                          | New York City        |
| Felstiner, William<br>Columbia Coll.                                    | New York City      | Meisterman, Samuel Gamaliel<br>Senior in Columbia Coll.                                   | Newark, N. J.        |
| Fox, Eyre Gregory Benedict<br>Senior in Columbia Coll.                  | New York City      | Moses, Lionel<br>Senior in Columbia Coll.                                                 | New York City        |
| Freeman, Maurice Irving<br>Colby Coll.                                  | New York City      | Neale, Walter<br>A.B., 1918                                                               | New York City        |
| Gennert, Alfred Gottlieb<br>A.B., Princeton, 1917                       | New York City      | Netzel, Walter Eichard<br>Oppen, Clarence Victor                                          | New Brunswick, N. J. |
| Gluck, Edward<br>A.B., 1917                                             | New York City      | A.B., Dartmouth, 1918                                                                     | New York City        |
| Goldey, Nathan<br>Senior in Columbia Coll.                              | New York City      | Pinney, William Whitney<br>A.B., Harvard, 1917                                            | New York City        |
| Gordon, Ellis<br>Harvard Univ.                                          | New York City      | Plympton, George Franklin<br>Litt.B., Princeton, 1917                                     | Hackensack, N. J.    |
| Graham, Robert Lincoln<br>Senior in Columbia Coll.                      | New York City      | Popkin, Lionel Selicman<br>Senior in Columbia Coll.                                       | Franklin, La.        |
| Greenberg, Henry Clay<br>A.B., Trinity (N. C.), 1917                    | Durham, N. C.      | Post, Loring Whiting<br>A.B., 1918                                                        | Chicago, Ill.        |
| Grimminger, John William<br>Senior in Columbia Coll.                    | Jersey City, N. J. | Proffitt, Henry Walter<br>Senior in Columbia Coll.                                        | Garnerville, N. Y.   |
| Guzzetto, Joseph<br>Ph.B., Lafayette, 1918                              | Easton, Pa.        | Prosser, Roger<br>Ph.B., Lafayette, 1914                                                  | Minersville, Pa.     |
|                                                                         |                    | Rettenberg, Milton Joshua<br>A.B., C. C. N. Y., 1918                                      | New York City        |

|                              |                        |                                            |                      |
|------------------------------|------------------------|--------------------------------------------|----------------------|
| Robinson, Walter Scott       | Colorado Springs, Col. | Campbell, Clinton Rearick                  | Wheeling, W. Va.     |
| Senior in Columbia Coll.     |                        | West Virginia Univ.                        |                      |
| Rouhaud, Pedro Gomez         | Granada, Nicaragua     | Cashman, Philip                            | New York City        |
| LL.M., Nicaragua             |                        | LL.B., N. Y. Univ., 1914                   |                      |
| Sanborn, Frederic R.         | New York City          | Della Morte, Louis David                   | Bristol, R. I.       |
| Senior in Columbia Coll.     |                        | LL.B., N. Y. Law School, 1918              |                      |
| Santangelo, Robert Vincent   | New York City          | Enami, Toyokichi                           | Osaka, Japan         |
| A.B., C. C. N. Y., 1918      |                        | LL.M., Law Coll. of Kyoto, 1917            |                      |
| Schachtel, Victor Robert     | New York City          | Gilbert, Thomas Edward                     | Dillon, Mont.        |
| Senior in Columbia Coll.     |                        | LL.B., Univ. of Michigan, 1913             |                      |
| Schneider, Arthur Allen      | New York City          | Iwano, Minoru                              | Nagasaki City, Japan |
| Senior in Columbia Coll.     |                        | LL.B., Kyoto Univ., 1915                   |                      |
| Searle, Truman Gorton        | Geneseo, Ill.          | Jame, Abraham                              | New York City        |
| A.B., Illinois, 1918         |                        | A.B., N. Y. Univ., 1918                    |                      |
| Shanley, Bernard Michael     | New York City          | Kinkle, George Phillips, Jr.               | Memphis, Tenn.       |
| Litt.B., Princeton, 1917     |                        | LL.B., Univ. of Louisville, 1918           |                      |
| Shapiro, Jonas J.            | New York City          | McGuinn, John Aloysius                     | New York City        |
| B.S., C. C. N. Y., 1918      |                        | St. John's Coll.                           |                      |
| Silverman, Abraham Meyer     | Hartford, Conn.        | Maher, Elmer Walsh                         | Davenport, Iowa      |
| A.B., Trinity (Conn.), 1918  |                        | LL.B., Chicago Univ., 1918                 |                      |
| Smith, Cleveland Lafayette   | Norwood, N. C.         | Martin, Matthew Scovell                    | Glen Ridge, N. J.    |
| Univ. of North Carolina      |                        | Univ. of Virginia                          |                      |
| Sosa, Martin Felipe          | Panama City, Panama    | Massey, Howell Foster                      | New York City        |
| A.B., Yale, 1918             |                        | N. C. State Coll.                          |                      |
| Sukloff, Hyman               | New Haven, Conn.       | Melliss, Bolton David                      | New York City        |
| Senior in Columbia Coll.     |                        | Univ. of Santa Clara                       |                      |
| Sweeney, Charles Russell     | Buffalo, N. Y.         | Noyes, Eugene Joseph                       | New York City        |
| A.B., Yale, 1918             |                        | Columbia Coll.                             |                      |
| Stone, Louis                 | New York City          | Quinn, Peter Willis                        | New York City        |
| Senior in Columbia Coll.     |                        | Shapiro, Moses                             | Winston-Salem, N. C. |
| Tager, Arthur William        | New York City          | A.B., LL.B., Univ. of North Carolina, 1917 |                      |
| A.B., Harvard, 1918          |                        | Wharton, John Franklin                     | East Orange, N. J.   |
| Thompson, Mark Leslie        | London, Ohio           | A.B., Williams, 1915                       |                      |
| Senior in Columbia Coll.     |                        | Zeitlin, Solomon                           | New York City        |
| Turk, Richard Jason, Jr.     | Cresson, Pa.           | Ph.D., Dropsie, 1917                       |                      |
| Senior in Columbia Coll.     |                        |                                            |                      |
| Wesley, Robert Wright        | Lumber City, Ga.       |                                            |                      |
| A.B., Univ. of Georgia, 1915 |                        |                                            |                      |
| Westerbeke, William Henry    | West Sayville, N. Y.   |                                            |                      |
| B.S., 1918                   |                        |                                            |                      |

## NON-MATRICULATED STUDENTS

|                         |                 |
|-------------------------|-----------------|
| Bijur, Jerome M.        | New York City   |
| A.B., 1918              |                 |
| Buckley, Charles Pitman | Cranford, N. J. |
| A.B., Princeton, 1915   |                 |

## SUMMARY

|                                    |     |
|------------------------------------|-----|
| Graduate Students                  | 6   |
| Third Year—Class of 1919           | 76  |
| Second Year—Class of 1920          | 63  |
| First Year—Class of 1921           | 84  |
| Non-Matriculated Students          | 19  |
| Total                              | 248 |
| Deduct Seniors in Columbia College | 25  |
| Net Total                          | 223 |

# REGISTER OF STUDENTS

## SCHOOL OF MEDICINE

| FOURTH YEAR CLASS—1918-1919               |                    | Clarke, Edward Wight           | Tenaflly, N. J.    |
|-------------------------------------------|--------------------|--------------------------------|--------------------|
| CLASS OF 1919                             |                    | A.B., Yale, 1915               |                    |
| Alderman, Irving Sanders                  | New Haven, Conn.   | Cohen, Aaron                   | New-York City      |
| Ph.B., Yale, 1913                         |                    | B.S., Columbia, 1917           |                    |
| Alling, Eric Lattimore                    | Rochester, N. Y.   | Cohen, Samuel Lewis            | New York City      |
| B.S., Princeton, 1914                     |                    | B.S., Columbia, 1916           |                    |
| Almour, Ralph                             | New York City      | Coley, Bradley Lancaster       | Sharon, Conn.      |
| Anderson, Elmer Lawrence                  | Ironton, Mo.       | A.B., Yale, 1915               |                    |
| B.S., Univ. of Missouri, 1912             |                    | Dann, David Samuel             | Detroit, Mich.     |
| Astrachan, Morris                         | Jamaica, N. Y.     | B.S., Michigan, 1917           |                    |
| A.B., Columbia, 1917                      |                    | Davis, David Dexter            | East Orange, N. J. |
| Astrowe, Philip Stanley                   | New York City      | A.B., Dartmouth, 1916          |                    |
| B.S., C. C. N. Y., 1914                   |                    | Dickie, George Willard         | Morristown, N. J.  |
| Baldwin, Louis Charles                    | Florence, Italy    | Ph.G., Columbia, 1911          |                    |
| Litt.B., Princeton, 1915                  |                    | Dinegar, Robert Henry Fales    | New York City      |
| Barach, Alvan Leroy                       | New York City      | Donehue, Francis McGarvey      | Albany, N. Y.      |
| Barsky, Edward                            | New York City      | B.S., Dartmouth, 1917          |                    |
| A.B., Columbia, 1917                      |                    | Du Bois, Robert Ogden          | New York City      |
| Baum, Samuel Meyerson                     | New York City      | A.B., Columbia, 1915           |                    |
| Baxter, Raymond Harding                   | Somerville, Mas    | Eagle, Max                     | New York City      |
| B.S., Dartmouth, 1917                     |                    | Ehrlich, David Ernest          | New York City      |
| Beck, Robert Donald                       | New York City      | A.B., Columbia, 1917           |                    |
| B.S., Columbia, 1916                      |                    | Eichner, Benjamin Bernard      | New York City      |
| Blaustein, Maurice                        | Yonker, N. Y.      | A.B., C. C. N. Y., 1915        |                    |
| B.S., Columbia, 1917                      |                    | England, Kay                   | Capitan, N. M.     |
| Bloor, Edwin Garfield                     | Oconomowoc, Wis.   | A.B., Young Harris Coll., 1914 |                    |
| Blum, Karl Augustus                       | Orange, N. J.      | Feinberg, Sydney Charles       | New York City      |
| B.S., Dartmouth, 1917                     |                    | A.B., Columbia, 1916           |                    |
| Breakstone, Raphael                       | New York City      | Frey, Walter Guernsey, Jr.     | Astoria, N. Y.     |
| B.S., Columbia, 1917                      |                    | A.B., Columbia, 1916           |                    |
| Bridges, Milton Arlanden                  | New York City      | Furman, Martin Abraham         | New York City      |
| B.S., Columbia, 1915                      |                    | A.B., C. C. N. Y., 1915        |                    |
| Broun, Matthew Singleton                  | Wedgefield, S. C.  | Garlock, John Harry            | New York City      |
| A.B., Univ. of South Carolina, 1913       |                    | Gilmore, Charles Marc          | Cranford, N. J.    |
| Busch, Irving                             | New York City      | B.S., Dartmouth, 1917          |                    |
| B.S., Columbia, 1917                      |                    | Gingold, Thomas Leverett       | New Haven, Conn.   |
| Butler, Vincent de Paul                   | Jersey City, N. J. | A.B., Yale, 1916               |                    |
| A.B., A.M., St. Peter's Coll., 1914, 1915 |                    | Ginzburg, David                | New York City      |
| Campbell, Meredith Fairfax                | Madison, Wis.      | B.S., Columbia, 1917           |                    |
| B.S., M.S., Wisconsin, 1916, 1917         |                    | Gliboff, Herman                | New York City      |
| Carpenter, Frederick                      | Bristol, Conn.     | Goldberg, Simon Paul           | New York City      |
| A.B., Trinity, 1915                       |                    | Goldblatt, David               | New York City      |
| Cashman, George Augustin                  | New York City      | Goldstein, Max Michael         | New York City      |
| A.B., St. Bonaventure's Coll., 1914       |                    | B.S., Columbia, 1917           |                    |
| Chandler, Fremont Augustus                | Waupaca, Wis.      | Golembe, Harry                 | New York City      |
| B.S., Wisconsin, 1916                     |                    | A.B., Columbia, 1917           |                    |
| Chasan, Isaac                             | Maspeth, N. Y.     | Goodfriend, Milton             | New York City      |
| B.S., Columbia, 1917                      |                    | Gordon, Robert Kelnar          | New Haven, Conn.   |



|                                              |                      |                               |                       |
|----------------------------------------------|----------------------|-------------------------------|-----------------------|
| Gregor, David Gilbert                        | Watertown, N. Y.     | Lewis, Kenneth Mark           | Short Hills, N. J.    |
| A.B., Williams, 1915                         |                      | B.S., Columbia, 1917          |                       |
| Haggerty, Daniel Roger                       | Holyoke, Mass.       | Liccione, Wm. Titus Marius    | Mt. Vernon, N. Y.     |
| B.S., Dartmouth, 1917                        |                      | A.B., Columbia, 1917          |                       |
| Haight, Vincent Wymand                       | Montrose, N. Y.      | Linden, Arthur Chester        | New York City         |
| B.S., Columbia, 1917                         |                      | Louria, Henry Walter          | New York City         |
| Hamilton, Harry Hayward                      | New York City        | A.B., Columbia, 1916          |                       |
| A.B., Mount Allison, 1903                    |                      | Luskin, Harold                | New York City         |
| Harrison, Elake                              | New York City        | Maynard, Edwin Post, Jr.      | New York City         |
| Harvey, Ralph Lewis                          | New Rochelle, N. Y.  | A.B., Williams, 1914          |                       |
| Hayden, Edwin Parker                         | Hartford, Conn.      | Meyer, Herbert Willy          | New York City         |
| A.B., Dartmouth, 1916                        |                      | A.B., Columbia, 1916          |                       |
| Hebald, Selian                               | New York City        | Mills, Samuel Wickham         | Middletown, N. Y.     |
| Heck, Edson Burr                             | Jersey City, N. J.   | A.B., Yale, 1915              |                       |
| B.S., Princeton, 1913; A.M., 1917            |                      | Minsky, Henry                 | New York City         |
| Heyl, James Henry, Jr.                       | Columbus, Ohio       | B.S., Columbia, 1917          |                       |
| A.B., Yale, 1917                             |                      | Moolten, Ralph Rembrandt      | New York City         |
| Hill, William Francis                        | Jersey City, N. J.   | A.B., Columbia, 1917          |                       |
| B.S., Univ. of North Carolina, 1917          |                      | Mufson, Isidor                | New York City         |
| Hillman, Morris                              | New Haven, Conn.     | Murray, Henry Alexander, Jr.  | New York City         |
| Ph.B., Yale, 1915                            |                      | A.B., Harvard, 1915           |                       |
| Hodges, Alfred Brownley                      | Portsmouth, Va.      | Myers, Cortland, Jr.          | Boston, Mass.         |
| A.B., Hampden-Sidney Coll., 1915             |                      | B.S., Dartmouth, 1917         |                       |
| Howard, James Wainwright                     | Yonkers, N. Y.       | McCoy, Leslie Layton          | Evansville, Wis.      |
| A.B., Yale, 1914                             |                      | B.S., Wisconsin, 1917         |                       |
| Howell, John Taylor, Jr.                     | Newburgh, N. Y.      | McGraw, Arthur Butler         | Detroit, Mich.        |
| B.S., Union Coll., 1914                      |                      | A.B., Yale, 1915              |                       |
| Hughes, Frank Luckett                        | Ashland, Va.         | Nemser, Rudolph William       | New York City         |
| A.B., A.M., Randolph Macon Coll., 1914, 1915 |                      | Oberrender, Girard Franklin   | S. Orange, N. J.      |
| Hutchens, Don King                           | Pulaski, N. Y.       | B.S., Columbia, 1917          |                       |
| B.S., Union College, 1913                    |                      | Olson, Henry John             | Beloit, Wis.          |
| Jackson, Arnold Stevens                      | Madison, Wis.        | B.S., Wisconsin, 1917         |                       |
| A.B., B.S., Wisconsin, 1916, 1917            |                      | Palinsky, Max                 | New York City         |
| Jones, Joseph Lawrence                       | Kansas City, Mo.     | Perez, Robert Fridenberg, Jr. | New York City         |
| B.S., Michigan, 1917                         |                      | Pohlmann, Harry Francis       | Middletown, N. Y.     |
| Kassel, Morris                               | New York City        | B.S., Columbia, 1917          |                       |
| B.S., Columbia, 1917                         |                      | Ponemon, Irving W.            | New York City         |
| Kelly, Thomas Dennis                         | New York City        | B.S., Columbia, 1917          |                       |
| A.B., Manhattan Coll., 1914                  |                      | Post, John James              | Palisades Park, N. J. |
| King, George                                 | New York City        | A.B., Colgate, 1916           |                       |
| Klein, Sidney                                | New York City        | Ransohoff, Nicholas Sigmund   | New York City         |
| B.S., Columbia, 1917                         |                      | B.S., Columbia, 1917          |                       |
| Klingenstein, Percy                          | New York City        | Roberts, George Henry, Jr.    | Peekskill, N. Y.      |
| A.B., Columbia, 1917                         |                      | A.B., Columbia, 1916          |                       |
| Knapp, Charles Stanley                       | Greenwich, Conn.     | Robinson, Meyer Seymour       | New York City         |
| A.B., M.S., Colgate, 1914, 1915              |                      | B.S., Columbia, 1917          |                       |
| Labovitz, Nathaniel                          | New Haven, Conn.     | Sacharoff, Leo Samuel         | New York City         |
| Ph.B., Yale, 1915                            |                      | B.S., Columbia, 1917          |                       |
| Lake, Thomas Owens                           | Oshkosh, Wis.        | Saxl, Newton Thomas           | New York City         |
| B.S., Wisconsin, 1917                        |                      | Schmitt, Roswell Laurence     | Middletown, N. Y.     |
| Lawton, Shailer Upton                        | Brattleboro, Vt.     | B.S., Columbia, 1917          |                       |
| Leede, Horst Edward Hermann                  |                      | Schulte, Herbert August       | Newark, N. J.         |
| A.B., Columbia, 1917                         | Tompkinsville, N. Y. | A.B., Columbia, 1917          |                       |
| Lemelson, Julius                             | New York City        | Seaman, James Alpheus         | West Creek, N. J.     |
| B.S., Columbia, 1917                         |                      | Seldowitz, Morton             | New York City         |
| Leonardo, Richard Anthony                    | Rochester, N. Y.     | B.S., Columbia, 1917          |                       |
| Levin, Henry                                 | Yonkers, N. Y.       | Shaw, Eliot Ashley            | Watertown, Mass.      |
| B.S., Columbia, 1917                         |                      | B.S., Dartmouth, 1916         |                       |
|                                              |                      | Sherburne, John, 2nd          | Amsterdam, N. Y.      |

|                                            |                       |                                     |                        |
|--------------------------------------------|-----------------------|-------------------------------------|------------------------|
| Shlevin, Edmund Lester                     | New York City         | Black, Augus Cecil                  | Claremont, N. H.       |
| B.S., Columbia, 1917                       |                       | B.S., Dartmouth Coll., 1917         |                        |
| Siegel, Benjamin                           | New York City         | Blake, Henry Kingsley               | Englewood, N. J.       |
| Silver, Harry                              | New Haven, Conn.      | A.B., Yale, 1916                    |                        |
| Ph.B., Yale, 1915                          |                       | Blasenstein, Joseph Emanuel         | New York City          |
| Stamatiades, Philip Emanuel                | New York City         | B.S., Columbia, 1918                |                        |
| B.S., Dartmouth, 1916                      |                       | Bleckwenn, William Jefferson        | New York City          |
| Sterman, Maximilian Menahan                | New York City         | B.S., Wisconsin, 1917               |                        |
| Stickney, Robert Cole                      | Beverly, Mass.        | Bluestone, Moses Abraham            | New York City          |
| B.S., Dartmouth, 1917                      |                       | Boltz, Oswald Hermann               | Seattle, Wash.         |
| Stier, Robert Frederick E.                 | Sayreville, N. J.     | Bonime, Ralph Gabriel               | Kew Gardens, N. Y.     |
| B.S., Rutgers, 1915                        |                       | B.S., Columbia, 1918                |                        |
| Sayer, Arthur                              | New York City         | Bradley, Grover Orlando             | Moroni, Utah           |
| B.S., C. C. N. Y., 1913                    |                       | A.B., Univ. of Utah, 1918           |                        |
| Swift, Walker Ely                          | New York City         | Brewer, Francis                     | Westfield, N. Y.       |
| A. B., Yale, 1915                          |                       | A.B., Oberlin, 1917                 |                        |
| Todd, Ralph TenBroeck                      | Tarrytown, N. Y.      | Brown, Abraham                      | Morgantown, W. Va.     |
| A.B., Rutgers, 1915                        |                       | B.S., West Virginia, 1918           |                        |
| Tower, Arthur Augustus                     | East Pepperell, Mass. | Brown, Chester Richard              | New York City          |
| A.B., Dartmouth, 1916                      |                       | Brown, Howard Wallace               | Mt. Vernon, N. Y.      |
| Von Emburgh, George Henry, Jr.             | Arlington, N. J.      | Bullard, Frank Marcus               | Keene, N. H.           |
| B.S., Columbia, 1917                       |                       | A.B., Harvard, 1916                 |                        |
| Walsh, Henry Victor                        | New York City         | Bullwinkel, Harry Griffin           | New York City          |
| A.B., Fordham, 1914                        |                       | B.S., Columbia, 1918                |                        |
| Walsh, James Francis                       | Bridgeport, Conn.     | Busch, Lawrence Carl Victor         | Elizabeth, N. J.       |
| Wilkinson, Henry Campbell                  | Hamilton, Bermuda     | A.B., Columbia, 1918                |                        |
| A.B., Yale, 1915                           |                       | Cassasa, Alfred Bartholomew         | New York City          |
| Witt, David Burton                         | New Haven, Conn.      | Claydon, De Baun Peter              | Mt. Vernon, N. Y.      |
| Wurzbach, Frederick Alfred, Jr.            | New York City         | Connell, John Norman                | Jersey City, N. J.     |
| B.S., Columbia, 1917                       |                       | A.B., A.M., St. Peter's Coll., 1916 |                        |
| Wyman, Rodney Elbridge                     | Hampden, Me.          | Cowan, Leland Robert                | Salt Lake City, Utah   |
| B.S., Dartmouth, 1916                      |                       | B.S., Univ. of Utah, 1918           |                        |
| Young, Robert Simonton                     | Concord, N. C.        | David, John Wilson                  | Corsicana, Texas       |
| Fourth year—Class of 1919 . . . . .        | 138                   | A.B., Southwestern Univ., 1915      |                        |
| THIRD YEAR—CLASS OF 1920                   |                       |                                     |                        |
| Adlerberg, Gustave                         | New York City         | De Bellis, Hannibal                 | New York City          |
| Amsel, Maxwell Ritter                      | Bridgeport, Conn.     | De Muria, Ernest Harold             | New York City          |
| Apisdorf, Alexander Karl                   | New York City         | Di Lorenzo, Costabile               | New York City          |
| B.S., A.M., C. C. N. Y. and Columbia, 1913 |                       | Donovan, Edward Joseph              |                        |
| Archer, Harrison Bertram                   | New York City         | B.S., Hobart, 1917                  | Clifton Springs, N. Y. |
| A.B., C. C. N. Y., 1916                    |                       | Fierstein, Jacob                    | New York City          |
| Armstrong, Carlos Gabriel                  | New York City         | A.B., Columbia, 1918                |                        |
| A.B., Columbia, 1918                       |                       | Fineman, Abraham Harold             | New York City          |
| Bader, George Bernard                      | Washington, Conn.     | B.S., C. C. N. Y., 1916             |                        |
| A.B., Holy Cross Coll., 1916               |                       | Fischer, Frederick Roy              | New York City          |
| Banton, Leon George                        | Bangor, Me.           | B.S., Wisconsin, 1918               |                        |
| A.B., Dartmouth, 1917                      |                       | Fisher, Henry Jacob, Jr.            | New York City          |
| Barash, Louis                              | New York City         | Florence, William Steed             | Macon, Ga.             |
| A.B., C. C. N. Y., 1916                    |                       | A.B., Mercer Univ., 1916            |                        |
| Barovick, Sidney Hyman                     | New York City         | Gaberman, David                     | Hartford, Conn.        |
| B.S., Columbia, 1918                       |                       | Gardner, Willetts Walton            | Centre Moriches, N. Y. |
| Berg, Benjamin Nathan                      | Weehawken, N. J.      | A.B., Cornell, 1915                 |                        |
| A.B., C. C. N. Y., 1916                    |                       | Ginsberg, Abraham Jason             | Tupper Lake, N. Y.     |
| Berkovsky, Max Sigmund                     | Hartford, Conn.       | Ginzburg, Leon                      | New York City          |
| Bernstein, Solon N.                        | New York City         | Ginzburg, Samuel                    | New York City          |
| A.B., C. C. N. Y., 1918                    |                       | A.B., Columbia, 1918                |                        |
|                                            |                       | Gottlieb, Bernhardt Stanley         | New York City          |
|                                            |                       | Greenstein, Meyer                   | New York City          |
|                                            |                       | B.S., C. C. N. Y., 1918             |                        |

|                                |                      |                                         |                      |
|--------------------------------|----------------------|-----------------------------------------|----------------------|
| Gundersen, Gunnar              | La Crosse, Wis.      | Murray, Harrold Aloysius                | Newark, N. J.        |
| B.S., Wisconsin, 1917          |                      | A.B., A.M., Seton Hall Coll., 1916      |                      |
| Gundersen, Sigurd Bjarne       | La Crosse, Wis.      | McCalla, Randolph Lucien                | Boise, Idaho         |
| B.S., Wisconsin, 1917          |                      | A.B., Georgetown Univ., 1916            |                      |
| Haas, Louis                    | New York City        | McDowell, Edward Studholme              | Albany, N. Y.        |
| B.S., Columbia, 1918           |                      | B.S., Dartmouth, 1918                   |                      |
| Halloran, Roy Dennis           | Bogota, N. J.        | Nathans, Alfred Abraham                 | New York City        |
| A.B., Dartmouth, 1917          |                      | Nellis, George Seipel                   | Watertown, N. Y.     |
| Harrison, Emanuel Emile        | New York City        | Parker, Arthur Joseph                   | New York City        |
| B.S., Columbia, 1918           |                      | A.B., Brooklyn Coll., 1916              |                      |
| Hearn, Roberts Alfred          | Smithton, Ark.       | Paulonis, Joseph Francis                | New York City        |
| A.B., Hendrix Coll., 1916      |                      | Ph.Ch., Columbia, 1916                  |                      |
| Horne, Lyman Merrill           | Salt Lake City, Utah | Pepin, William Reid                     | Lowell, Mass.        |
| B.S., Univ. of Utah, 1918      |                      | B.S., Dartmouth, 1918                   |                      |
| Huber, William Henry           | Brookfield, Mo.      | Persky, Arthur Melvin                   | New York City        |
| A.B., St. Mary's Coll., 1915   |                      | Peters, Frank Hart                      | New York City        |
| Hughes, William Morris         | Albany, N. Y.        | C.E., Pennsylvania Military Coll., 1915 |                      |
| A.B., Columbia, 1917           |                      | Rabinowitch, Wolf                       | New York City        |
| Hurwitz, Leon Juda             | New York City        | A.B., Yurieff Classical Gymn., 1913     |                      |
| Hutner, Sydney                 | New York City        | Reichle, Herbert Siegfried              | New York City        |
| B.S., Columbia, 1918           |                      | Rhodebeck, Edmund Jean                  | Flushing, N. Y.      |
| Jack, Joseph Erle              | Salt Lake City, Utah | Richardson, Guy Lewis                   | Littleton, N. H.     |
| B.S., Univ. of Utah, 1918      |                      | A.B., Dartmouth, 1917                   |                      |
| Jennings, Frederick Beach, Jr. | New York City        | Robbins, Burtis France                  | Salt Lake City, Utah |
| Joelson, James Joel            | Paterson, N. J.      | B.S., Univ. of Utah, 1918               |                      |
| Johnson, Frank Chambliss       | East Orange, N. J.   | Rogatz, Julian Leo                      | New York City        |
| B.S., Rutgers, 1916            |                      | Rosen, Hyman William                    | New York City        |
| Jones, Evan Murchie            | Salt Lake City, Utah | A.B., Columbia, 1918                    |                      |
| B.S., Univ. of Utah, 1918      |                      | Russell, James Earl, Jr.                | Trenton, N. J.       |
| Kleinfeld, Louis               | New York City        | B.S., Columbia, 1918                    |                      |
| Klemes, Isadore Saul           | New York City        | Sala, Angelo Michael                    | New York City        |
| Kramer, Sidney David           | New York City        | A.B., St. John's Coll., 1916            |                      |
| B.S., C. C. N. Y., 1914        |                      | Samuels, Saul Simon                     | New York City        |
| Kurzrok, Raphael               | New York City        | A.B., A. M., Columbia, 1916, 1918       |                      |
| A.B., Columbia, 1918           |                      | Saulpaugh, Lincoln Moses                | New York City        |
| Lathrop, Albert Spicer         | Mount Carmel, Conn.  | B.S., Columbia, 1917                    |                      |
| B.S., Columbia, 1918           |                      | Schroff, Joseph                         | New York City        |
| Lease, Raymond Essex           | New York City        | B.S., C. C. N. Y., 1909                 |                      |
| A.B., C. C. N. Y., 1916        |                      | Serafin, Peter James                    | New York City        |
| Le Bel, Louis Jean Baptiste    | Nutley, N. J.        | B.S., Dartmouth, 1918                   |                      |
| A.B., New York Univ., 1916     |                      | Sesta, Joseph Anthony                   | Jersey City, N. J.   |
| Levinsky, Aaron                | New York City        | Ph.C., Columbia, 1916                   |                      |
| A.B., Columbia, 1918           |                      | Shea, Thomas Edward                     | Holyoke, Mass.       |
| Lieberman, Samuel Harry        | New York City        | Shelmire, Jesse Bedford                 | Dallas, Texas        |
| B.S., Columbia, 1918           |                      | B.S., Univ. of Texas, 1918              |                      |
| Littauer, Emanuel Victor       | New York City        | Skolfield, Mazel                        | Salt Lake City, Utah |
| A.B., Columbia, 1917           |                      | A.B., Univ. of Utah, 1916               |                      |
| Maue, Henry Peter              | New York City        | Somberg, Joseph Sheldon                 | Columbus, Ohio       |
| Mebane, Donald Cummins         | Evanston, Ill.       | Spivey, James Langdon                   | Bellevue, Texas      |
| Melicow, Meyer Morton          | New York City        | A.B., Southwestern Univ., 1916          |                      |
| B.S., C. C. N. Y., 1918        |                      | Stern, Abner                            | New York City        |
| Mendelson, David Bert          | Rochester, N. Y.     | B.S., Columbia, 1918                    |                      |
| B.S., Univ. of Rochester, 1917 |                      | Stone, Morris                           | New York City        |
| Middlemiss, William Robert     |                      | Strongin, Herman F.                     | Norwich, Conn.       |
|                                | Salt Lake City, Utah | Ph.C., Columbia, 1916                   |                      |
| B.S., Univ. of Utah, 1918      |                      | Sweeney, Francis Joseph                 | New York City        |
| Milch, Henry                   | New York City        | A.B., Manhattan Coll., 1916             |                      |
| A.B., Columbia, 1916           |                      | Thayer, Lyman Irving                    | Ballston Spa, N. Y.  |
|                                |                      | B.S., Colby Coll., 1916                 |                      |

|                                           |                      |                                         |                        |
|-------------------------------------------|----------------------|-----------------------------------------|------------------------|
| Thomas, Thomas S., Jr.                    | Salt Lake City, Utah | Cohen, Aaron                            | Paterson, N. J.        |
| Tinkler, Bruce Raymond                    | Brighton, Tenn.      | Cohen, Philip                           | New York City          |
| A.B., Erskine, 1913                       |                      | A.B., C. C. N. Y., 1917                 |                        |
| Tucker, Frank Landale, Jr.                | New York City        | Corwin, Emma Eugenia                    | Newark, N. J.          |
| B.S., Columbia, 1917                      |                      | A.B., A. M., Wellesley, 1914, 1917      |                        |
| Twersky, Morris Boris                     | New York City        | Curnow, Dorothea Estelle                | New York City          |
| Ph.Ch., Columbia, 1914                    |                      | A.B., Barnard, 1917                     |                        |
| Weigele, Carl Edward                      | Jersey City, N. J.   | Curtis, Howard Cone                     | Oberlin, Ohio          |
| Weinstein, Louis                          | New York City        | A.B., Oberlin, 1915                     |                        |
| Welt, Bernard                             | New York City        | Dargeon, Harold William                 | New York City          |
| A.B., Columbia, 1918                      |                      | Davidson, Harold Bertram                | New York City          |
| White, Leon Edward, Jr.                   | Wellesley, Mass.     | B.S., Columbia, 1917                    |                        |
| B.S., Dartmouth Coll., 1918               |                      | Dixon, George Graves                    | New York City          |
| White, Richard Joseph                     | Brady, Texas         | A.B., Columbia, 1918                    |                        |
| A.B., Yale, 1916                          |                      | Doshay, Louis Jacob                     | New York City          |
| Williams, George Raworth                  | Childress, Texas     | A.B., C. C. N. Y., 1918                 |                        |
| Woodson, Jacob Tyree                      | Gallatin, Tenn.      | Echikson, Joseph Israel                 | Newark, N. J.          |
| A.B., Vanderbilt Univ., 1915              |                      | Elias, Miguel Grausman                  | Raleigh, N. C.         |
| Third Year Class, 1920 . . . . .          | 125                  | B.S., New York Univ., 1917              |                        |
| SECOND YEAR—CLASS OF 1921                 |                      |                                         |                        |
| Aine, Jacob                               | New York City        | Evans, Theodore Schlosser               | Stockbridge, Mass.     |
| A.B., C. C. N. Y., 1916                   |                      | A.B., Yale, 1917                        |                        |
| Altschul, Frank Joseph                    | New York City        | Ferguson, Ferdinand Milton              | New York City          |
| Amazon, Peter (C. U. Senior)              | New York City        | Filippone, Amerigo                      | Newark, N. J.          |
| Ambrose, Anthony                          | Newark, N. J.        | Fishberg, Arthur Maurice (C. U. Senior) | New York City          |
| Amill, Luis Antonio                       | Mayaguez, Porto Rico |                                         | New York City          |
| Anello, Vincent (C. U. Senior)            | New York City        | Fisher, David                           |                        |
| Aufses, Arthur Harold (C. U. Senior)      | New York City        | A.B., Harvard, 1917                     |                        |
| Baker, John Percy                         | New York City        | Fleischmann, Berthold                   | New York City          |
| B.S., Columbia, 1918                      |                      | B.S., C. C. N. Y., 1917                 |                        |
| Balson, Zachary David Boris               | Newark, N. J.        | Ford, Theodore Richards                 | East Orange, N. J.     |
| Baratta, Achille Francesco (C. U. Senior) | New York City        | Frant, Samuel (C. U. Senior)            | Newport, R. I.         |
|                                           | New York City        | Freeman, Rowland Godfrey, Jr.           |                        |
| Barber, George Holbrook                   | New York City        | Ph.B., Yale, 1916                       | New York City          |
| A.B., Washington & Lee Univ., 1917        |                      | Freidus, Elias                          | New York City          |
| Bliss, J. Herbert                         | Syracuse, N. Y.      | Frosch, Hyman Louis                     | New York City          |
| A.B., Syracuse Univ., 1917                |                      | B.S., Columbia, 1918                    |                        |
| Borshaw, Hyman (C. U. Senior)             | Hoboken, N. J.       | Frost, Joseph Nesbitt                   | Geneva, N. Y.          |
| Bown, J. Clinton                          | Provo, Utah          | B.S., Hobart, 1916                      |                        |
| Brandstein, Joseph S. (C. U. Senior)      | New York City        | Giglio, Alphonsus Salvatore Vincent     |                        |
|                                           | New York City        | (C. U. Senior)                          | Elizabeth, N. J.       |
| Browd, Victor Lincoln                     | New York City        | Ginsberg, William                       | New York City          |
| Buchman, Joseph                           | New York City        | A.B., C. C. N. Y., 1917                 |                        |
| B.S., Columbia, 1918                      |                      | Given, James Bartley, Jr.               | New York City          |
| Budge, Alfred Hoge                        | Boise, Idaho         | Litt.B., Princeton, 1917                |                        |
| Budge, Scott Merrill                      | Logan, Utah          | Goalwin, Harry Aaron                    | New York City          |
| Bulmer, James Wesley                      | Cairo, N. Y.         | M.E., Polytechnic Inst., 1914           |                        |
| B.S., Rutgers, 1915                       |                      | Goldberg, Hyman Trynin                  | New York City          |
| Buonaguro, Michael James (C. U. Senior)   | New York City        | Goldstein, Braham Hirsch                | New York City          |
|                                           | New York City        | Goldstein, Harold                       | New York City          |
| Burchell, Samuel Clement                  | New York City        | Goldstein, Isidor Elias                 | New York City          |
| A.B., C. C. N. Y., 1918                   |                      | Goltman, Alfred Meyer                   | Memphis, Tenn.         |
| Carnes, Moses                             | Tupper Lake, N. Y.   | Gonzalez, Robert                        | Leon, Nicaragua, C. A. |
| A.B., Cornell, 1916                       |                      | A.B., National Inst., Nicaragua, 1914   |                        |
| Carpinello, Edward Alfred                 | New York City        | Goodman, Moses                          | New York City          |
| Ceetham, Donald Butterworth               | Canton, N. Y.        | Gordon, Daniel (C. U. Senior)           | New York City          |
| A.B., St. Lawrence Univ., 1916            |                      | Gordon, Gouglas Roy                     | Beacon, N. Y.          |
|                                           |                      | Gordon, Herbert (C. U. Senior)          | New York City          |
|                                           |                      | Grinnell, Robert Stone                  | New York City          |
|                                           |                      | A.B., Harvard, 1915                     |                        |



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|-------------------------------------------------|---------------------|------------------------------------------|--------------------|
| Groff, Morris                                   | New York City       | Ohlbaum, Clarence Joseph                 | New York City      |
| Haigh, Susanna Edwards Schuyler                 | Summit, N. J.       | Parker, Arthur Douglas                   | Portsmouth, Va.    |
| A.B., Vassar, 1915                              |                     | B.S., William and Mary Coll., 1917       |                    |
| Haines, Charles Everett                         | Nashua, N. H.       | Pascal, Joseph Irving                    | New York City      |
| A.B., Univ. of Michigan, 1917                   |                     | B.S., Columbia, 1912                     |                    |
| Hammer, Armand (C. U. Senior)                   | New York City       | Perrone, Ferdinand Louis                 | New York City      |
|                                                 | Provo, Utah         | Pincus, Joseph                           | New York City      |
| Hardy, Le Grand Haven                           |                     | B.S., C. C. N. Y., 1918                  |                    |
| A.B., Brigham Young Univ., 1916                 |                     | Rappaport, Benjamin Herman               | New York City      |
| Herman, David Samuel                            | New York City       | Raynes, Alphonso Francis                 | Portsmouth, N. H.  |
| Israel, Roland Grausman                         | New York City       | A.B., Yale, 1917                         |                    |
| Jacobi, Harry George                            | New York City       | Reynolds, George Stoddard                | Glen Ridge, N. J.  |
| Jacobs, Isidore William                         | New York City       | Richter, Maurice Nathaniel               | New York City      |
| Jacobs, Julius Bay                              | New York City       | Riedkozoob, Raphael A.                   | Goloskovo, Russia  |
| Kaplan, Max                                     | New York City       | Rogers, Richard Merington (C. U. Senior) |                    |
| Kaplan, Morris                                  | New York City       |                                          | Newark, N. J.      |
| Kerdasha, George Sayd                           | Weehawken, N. J.    | Rosen, James Michael (C. U. Senior)      |                    |
| Knauer, William Jerome                          | Jacksonville, Fla.  |                                          | New York City      |
| Krimsky, Emanuel                                | New York City       | Rosenberg, Solomon Just                  | New York City      |
| Landon, John Fitch                              | Salisbury, Conn.    | Rosenfeld, Samuel (C. U. Senior)         |                    |
| A.B., Yale, 1917                                |                     |                                          | New York City      |
| Levine, Leon Harry                              | New York City       | Rosenzweig, Maxwell (C. U. Senior)       |                    |
| Lindh, Gulli Charlotte                          | Tyringe, Sweden     |                                          | New York City      |
| A.B., Barnard, 1917                             |                     | Ruppe, John Paul (C. U. Senior)          |                    |
| Loth, Mathilde                                  | New York City       |                                          | New York City      |
| A.B., Smith, 1917                               |                     | Russo, Carlo Canio                       | Newport, R. I.     |
| Marcus, Israel Hyman (C. U. Senior)             | New York City       | A.B., Brown, 1916                        |                    |
|                                                 | Glen Ridge, N. J.   | Rutstein, Saul                           | New York City      |
| Marston, Dorothea March                         |                     | A.B., C. C. N. Y., 1917                  |                    |
| A.B., Wellesley, 1909                           |                     | Salzberg, Abraham                        | New York City      |
| Martin, Charles Wesley                          | Westfield, N. J.    | Sandroni, Dino                           | New York City      |
| Matsner, Eric Milton                            | New York City       | Sarlin, Charles Nathaniel (C. U. Senior) |                    |
| Meehan, George Edward                           | Jersey City, N. J.  |                                          | Elmhurst, N. Y.    |
| A.B., St. Peter's Coll., 1917                   |                     | Sherman, Berthold Adolphe                | New York City      |
| Megirian, Zareh (C. U. Senior)                  | New York City       | Segal, Benjamin                          | Bensonhurst, N. Y. |
| Mei, Chenk Shang                                | China               | Seidman, Edwin Arthur                    | Newark, N. J.      |
| B.S., Columbia, 1917                            |                     | B.S., Rutgers, 1917                      |                    |
| Meurlin, Alfred                                 | New York City       | Selig, Seth                              | New York City      |
| Miller, William Harold                          | New York City       | A.B., Columbia, 1918                     |                    |
| A.B., Columbia, 1917                            |                     | Serafino, Frank (C. U. Senior)           | New York City      |
| Mishell, Daniel Randolph                        | Glen Ridge, N. J.   | Shapinsky, Sydney                        | New York City      |
| Moore, Wilbur John (C. U. Senior)               |                     | Shukuroglou, Avraam Andronicus           |                    |
|                                                 | Watertown, Conn.    |                                          | New York City      |
| McCaslan, William Hill                          | Newnan, Ga.         | A.B., Anatolia, 1913                     |                    |
| A.B., B.S., N. Georgia Agricultural Coll., 1916 |                     | Siegler, Julius                          | Jersey City, N. J. |
| McGowan, Francis Joseph, Jr. (C. U. Senior)     | New York City       | A.B., Columbia, 1916                     |                    |
|                                                 | Metuchen, N. J.     | Silverberg, Samuel Joshua                | Hartford, Conn.    |
| McKenzie, Robert Abbe                           |                     | Silverberg, William Victor               | New York City      |
| Nachmanowitz, Joseph                            | New York City       | Simoni, Clarence Charles                 | New York City      |
| Napoliello, Vincent                             | Newark, N. J.       | Siragusa, Rosario Victor                 | New York City      |
| Nishman, Daniel (C. U. Senior)                  | New York City       | Solley, Frederick Westcott               | New York City      |
| Nodine, Edwin Rogers                            | New Rochelle, N. Y. | Specter, Louis                           | New York City      |
| A.B., Columbia, 1917                            |                     | Sperling, Jack                           | New York City      |
| Noll, Louis                                     | Hartford, Conn.     | Sternberg, Harry                         | New York City      |
| B.S., Trinity, 1918                             |                     | Stevens, Merton Harry                    | East Orange, N. J. |
| Nute, William Laubach                           | New York City       | Ph.B., Yale, 1918                        |                    |
| A.B., Yale, 1914                                |                     | Stone, Frederick Engels                  | Nanuet, N. Y.      |
|                                                 |                     | Sucoff, Moses Carl                       | Passaic, N. J.     |
|                                                 |                     | B.S., Columbia, 1918                     |                    |

|                                            |                     |                                           |                              |
|--------------------------------------------|---------------------|-------------------------------------------|------------------------------|
| Summerill, Frederick                       | Penns Grove, N. J.  | Duff, Ella Ishbel                         | Worcester, Mass.             |
| B.S., Rutgers, 1917                        |                     | A.B., McGill Univ., 1918                  |                              |
| Sweet, Samuel Waterman                     | Utica, N. Y.        | Epstein, Alfred                           | Los Angeles, Cal.            |
| B.S., Colgate, 1918                        |                     | Feldman, Robert Hugh (C. U. Senior)       |                              |
| Tanzer, Milton                             | New York City       |                                           | New York City                |
| Teplitsky, David (C. U. Senior)            | New York City       | Fisher, Robert Cockburn II (C. U. Junior) | Morsemere, N. J.             |
| Thomashefsky, Milton (C. U. Senior)        | New York City       | Frisch, Irving Alexander (C. U. Junior)   |                              |
|                                            | New York City       |                                           | New York City                |
| Thorpe, Franklyn                           | Montclair, N. J.    | Gallup, Theodore (C. U. Senior)           |                              |
| Tolmach, Jesse Alfred (C. U. Senior)       | New York City       |                                           | New York City                |
|                                            | New York City       | A.B., St. Lawrence, 1918                  |                              |
| Tow, Abraham                               | New York City       | Gelbach, Frederick Paul, Jr.              | New York City                |
| Waugh, James Ruggles                       | New York City       | A.B., Yale, 1918                          |                              |
| A.B., Univ. of Washington, 1914            |                     | Giovinco, Joseph Bivona                   | New York City                |
| Wechsler, Harry Franklin (C. U. Senior)    | New York City       | A.B., St. John's Coll.                    |                              |
|                                            | New York City       | Glickman, Max                             | Pineville, Ky.               |
| Weiler, Ralph                              | New York City       | Goldstein, Israel                         | New York City                |
| A.B., Yale, 1917                           |                     | A.B., Princeton, 1918                     |                              |
| Weinstein, Adolph                          | New York City       | Goodman, Henry Isaac (C. U. Junior)       |                              |
| Weinstein, Alexander                       | New York City       |                                           | Newark, N. J.                |
| Weitzman, Charles Colman                   | New York City       | Gordon, Harry                             | New York City                |
| Whittles, Lee Jay                          | Gildersleeve, Conn. | Grodin, Thomas Murray (C. U. Senior)      |                              |
| Wilber, Arthur Boynton                     | Tarrytown, N. Y.    |                                           | New York City                |
| A.B., Columbia, 1917                       |                     | Guinness, Arthur Bennett (C. U. Junior)   |                              |
| Wilhelm, Seymour Frederick                 | New York City       |                                           | Yonkers, N. Y.               |
| Wilshusen, Herbert Frank                   | New York City       | Gutowski, Walter Thomas                   | Perth Amboy, N. J.           |
| A.B., Columbia, 1918                       |                     | Hartung, Edward Frederick (C. U. Junior)  |                              |
| Wright, Elizabeth                          | New York City       |                                           | New York City                |
| A.B., Barnard, 1917                        |                     | Hobart, Richard Townley                   | Upper Montclair, N. J.       |
| Zimmerman, Maurice                         | New York City       |                                           |                              |
| Second Year Class, 1921. . . . .           | 162                 | A.B., Amherst, 1917                       |                              |
| FIRST YEAR—CLASS OF 1923                   |                     |                                           |                              |
| Aebli, Rudolph (C. U. Senior)              | West Hoboken, N. J. | Hochstadter, Walter                       | New York City                |
|                                            |                     | Horowitz, Edward Adolph                   | New York City                |
| Apfel, Samuel Joshua                       | New York City       | Juster, Irving (C. U. Junior)             | New York City                |
| Apter, Abram                               | Hartford, Conn.     | Kabak, Jacob                              | New York City                |
| Ashley, Homer Champion (C. U. Junior)      | New York City       | Kaplan, Samuel                            | Macon, Georgia               |
|                                            | New York City       | Kindleberger, Philip George               | Crosbie Bishop               |
| Auster, Lionel Sandler                     | New York City       |                                           | New York City                |
| Berg, Louis Jack                           | New York City       | Kneeland, Virginia                        | New York City                |
| Bernhard, Ilma Mia Eudora                  | New York City       | A.B., Bryn Mawr, 1918                     |                              |
| Bernheim, Alice Rheinstein                 | New York City       | Kohn, Robert Irving                       | New York City                |
| A.B., Columbia, 1917                       |                     | A.B., Columbia, 1918                      |                              |
| Biederman, Martin                          | New York City       | Koplik, Daniel Morris (C. U. Junior)      |                              |
| Boyer, Rose Cohen                          | New York City       |                                           | New York City                |
| B.S., New York Univ., 1917                 |                     | Krause, Dorothy Josephine                 | Colorado Springs, Colo.      |
| Brieger, Monroe Maurice                    | New York City       |                                           |                              |
| Cassell, Arnold                            | Jersey City, N. J.  | A.B., Vassar, 1917                        |                              |
| Clarke, Edward Wight                       | Tenafly, N. J.      | Landis, Mary                              | Sea Isle City, N. J.         |
| A.B., Yale College, 1915                   |                     | A.B., Smith, 1918                         |                              |
| Corio, George Albert                       | Jersey City, N. J.  | Larios, Manuel                            | Fegucigalpa, Honduras, C. A. |
| Dellinger, Samuel Claudius                 | Lincolnton, N. C.   | B.S., Instituto Nacional, Guatemala, 1914 |                              |
| A.B., Trinity, 1915; A.M., Columbia, 1917. |                     | Linsky, Harold                            | Carteret, N. J.              |
| Diasio, Fortunato Anthony (C. U. Junior)   | New York City       | Livingston, Saul Franklin                 | New York City                |
|                                            | New York City       | Loder, Joseph Shimer                      | Perth Amboy, N. J.           |
| Druss, Joseph George (C. U. Senior)        | New York City       | Machacek, Gerald Frank                    |                              |
|                                            |                     |                                           | Long Island City, N. Y.      |
|                                            |                     | A.B., Columbia, 1918                      |                              |

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|------------------------------------------|---------------------------|-------------------------------------|---------------------|
| MacLeod, Allister Palmer                 | Kearny, N. J.             | Sniffen, Stewart Braisted           | White Plains, N. Y. |
| B.S., Rutgers, 1918                      |                           | Soble, Alexander (C. U. Junior)     | Elmira, N. Y.       |
| Magee, Sigmund                           | New York City             | Sproul, Albert Eugene, Jr.          | Passaic, N. J.      |
| Manning, Joseph Stevenson James, Jr.     |                           | Stern, Elias Lincoln                | New York City       |
|                                          | New York City             | Thomson, Charles Edward, Jr.        | Scranton, Pa.       |
| Mendelsohn, Jacob                        | New York City             | A.B., St. Thomas, 1918              |                     |
| Messinger, Isadore                       | Rochester, N. Y.          | Turkel, Henry Lewis                 | New York City       |
| Meyer, Henry, Jr. (C. U. Junior)         |                           | Wells, John Colton                  | Middletown, Conn.   |
|                                          | New York City             | Whitcomb, Everett Newcomb           | Keene, N. H.        |
| Meynen, Frederic Grantham (C. U. Junior) |                           | Ph.B., St. Stephens, 1916           |                     |
|                                          | Jamaica, N. Y.            | Wiers, Luella McClure (Mrs. E. S.)  |                     |
| Miller, David (C. U. Junior)             | New York City             |                                     | Montclair, N. J.    |
| Modica, Antonino (C. U. Junior)          |                           | Wilson, James C.                    | New York City       |
|                                          | New York City             | B.S., C. C. N. Y., 1918             |                     |
| Murray, Marjorie Frances                 | Binghamton, N. Y.         | Wimpfheimer, Seymour                | New York City       |
| A.B., Bryn Mawr, 1913                    |                           | Zazeela, Herman (C. U. Junior)      |                     |
| Myers, Franklin Linwood                  | Sodus, N. Y.              |                                     | New York City       |
| Neilson, John, Jr. (C. U. Senior)        |                           | Zelvin, Philip                      | New York City       |
|                                          | New York City             | First Year Class, 1923. . . . .     | 96                  |
| Norris, Henry Martin                     | Princeton, N. J.          |                                     |                     |
| Oppenheim, Gordon David (C. U. Senior)   |                           | SPECIAL STUDENTS—1918-1919          |                     |
|                                          | New York City             | Blumenthal, Helen                   | New York City       |
| O'Shea, Ella Mercedes                    | Jersey City, N. J.        | A.B., Barnard, 1915                 |                     |
| O'Shea, Luke Mark                        | Deep River, Conn.         | Chang, Ting Han                     | Tientsin, China     |
| A.B., Holy Cross, 1918                   |                           | M.D., Peiyang Medical College, 1908 |                     |
| Perkins, Osborn Poor                     | New York City             | Coley, Laura Jay                    | New York City       |
| Proctor, Edward Ross, Jr.                | New York City             | Emminger, George James              | Pittsburgh, Pa.     |
| Rabin, Coleman Berley                    | New York City             | Fletcher, Eva Marguerite            | Jersey City, N. J.  |
| Reed, Marian                             | Washingtonville, N. Y.    | Holub, Vera Rosa                    | New York City       |
| A.B., Vassar College, 1918               |                           | Larsen, Christine                   | San Francisco, Cal. |
| Rosen, Isidore Theodore                  | New York City             | Parker, Julia Tiffany               | New York City       |
| B.S., Columbia, 1918                     |                           | Pope, Lucy Harvie                   | New York City       |
| Rothert, Frances Catherine               | Huntingburg, Ind.         | Schneider, Jesse                    | New York City       |
| A.B., Indiana, 1917                      |                           | Schutz, Nathan                      | New York City       |
| Rubin, Elias                             | New York City             | M.D., R. I. Coll., 1917             |                     |
| Ruffolo, Hercules (C. U. Junior)         |                           | Shuford, Mary Frances               | Asheville, N. C.    |
|                                          | New York City             | B.S., Shorter Coll., 1917           |                     |
| Saland, Gamliel (C. U. Junior)           |                           | Vilkomerson, Lillian Dorothea       | New York City       |
|                                          | New York City             | Younker, Rose Marie (Mrs. I. M.)    |                     |
| Schlessel, Louis (C. U. Junior)          |                           |                                     | New York City       |
|                                          | New York City             | A.B., Barnard, 1915                 |                     |
| Schreiber, Martin                        | New York City             | Special Students . . . . .          | 14                  |
| Schuman, David Harry                     | Hartford, Conn.           |                                     |                     |
| Schussheim, Solomon                      | New York City             | SUMMARY                             |                     |
| Schwartz, Sydney Pincus                  | New York City             | Fourth Year—Class of 1919           | 138                 |
| B.S., Columbia, 1918                     |                           | Third Year—Class of 1920            | 125                 |
| Segal, Abraham                           | Coatesville, Pa.          | Second Year—Class of 1921           | 162                 |
| Shanley, Helen Sabina                    |                           | First Year—Class of 1923            | 96                  |
|                                          | Loyalist, Alberta, Canada | Special Students                    | 14                  |
| A.B., Univ. of North Dakota, 1907        |                           |                                     | —                   |
| Sherman, Louis                           | New York City             | Total                               | 529                 |

# REGISTER OF STUDENTS

## SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

### CANDIDATES FOR THE MASTER OF SCIENCE DEGREE

|                                      |                   |
|--------------------------------------|-------------------|
| Chang, Ming Yi                       | Hunan, China      |
| Met.E., Univ. of Pittsburgh, 1918    |                   |
| Chen, Chun-yang                      | Washington, D. C. |
| B.S., Mass. Inst. Tech., 1918        |                   |
| Chen, Yu Soo                         | Hunan, China      |
| B.S., Univ. of Michigan, 1918        |                   |
| Yuan, Pao Chiang                     | Washington, D. C. |
| E.M., Colorado School of Mines, 1917 |                   |

### THIRD YEAR—CLASS OF 1919

#### CIVIL ENGINEERING—THIRD YEAR

|                         |               |
|-------------------------|---------------|
| Brodie, Nathaniel Louis | New York City |
|-------------------------|---------------|

#### MINING ENGINEERING—THIRD YEAR

|              |               |
|--------------|---------------|
| Spurny, Emil | New York City |
|--------------|---------------|

### THIRD YEAR—CLASS OF 1919

|                    |   |
|--------------------|---|
| Civil Engineering  | I |
| Mining Engineering | I |
|                    | — |
|                    | 2 |

### SECOND YEAR—CLASS OF 1920

#### CHEMICAL ENGINEERING—SECOND YEAR

|                                 |                    |
|---------------------------------|--------------------|
| Bolte, John Kirk                | Roslyn, Md.        |
| Burke, Stephen Patrick          | New York City      |
| Conrad, William Leaman          | Watkins, N. Y.     |
| A.B., 1918                      |                    |
| Dedlow, Carl                    | Yonkers, N. Y.     |
| Glass, Emanuel                  | Suffern, N. Y.     |
| B.S., 1917                      |                    |
| Handforth, Stanley Loughheed    | Tacoma, Wash.      |
| B.S., Univ. of Washington, 1918 |                    |
| Harvey, Mortimer                | Ticonderoga, N. Y. |
| B.S., Union, 1917               |                    |
| Hoffberg, Israel                | New York City      |
| B.S., C. C. N. Y., 1917         |                    |
| Kandel, Montefiore              | New York City      |
| B.S., 1918                      |                    |
| Kraft, Rudolph Louis            | New York City      |
| B.S., 1917                      |                    |
| Lehman, Sidney                  | Cleveland, Ohio    |
| Lewis, Alvin                    | New York City      |
| B.S., C. C. N. Y., 1917         |                    |
| Mahnken, Harold J.              | New York City      |
| B.S., 1917                      |                    |

|                                |                   |
|--------------------------------|-------------------|
| Montgomery, Richard Bacon      | Plainfield, N. J. |
| A.B., 1916                     |                   |
| Shen, Kwai                     | Peking, China     |
| Soule, Roland Phineas          | Rochester, N. Y.  |
| B.S., Univ. of Rochester, 1917 |                   |
| Stecker, William Walter        | New York City     |
| B.S., 1917                     |                   |
| Webb, George Raymond           | Buffalo, N. Y.    |
| B.S., 1914                     |                   |

#### CIVIL ENGINEERING—SECOND YEAR

|                         |                  |
|-------------------------|------------------|
| Beuerman, R. John       | New York City    |
| B.S., 1918              |                  |
| Gabriel, Ervant         | Union, N. J.     |
| B.S., Princeton, 1916   |                  |
| Kerekes, Frank          | New York City    |
| B.S., C. C. N. Y., 1917 |                  |
| Meyer, Harry H.         | New York City    |
| B.S., 1917              |                  |
| Nadel, Louis            | New York City    |
| B.S., 1918              |                  |
| Podoloff, Nathan        | New Haven, Conn. |
| Ph.B., Yale, 1916       |                  |

#### ELECTRICAL ENGINEERING—SECOND YEAR

|                      |               |
|----------------------|---------------|
| Carpe, Allen         | New York City |
| Efron, Alexander     | New York City |
| Ward, Joseph Vincent | New York City |
| B.S., 1917           |               |

#### MECHANICAL ENGINEERING—SECOND YEAR

|                           |               |
|---------------------------|---------------|
| Barish, Thomas            | New York City |
| B.S., 1917                |               |
| Gertz, Louis              | New York City |
| B.S., 1917                |               |
| Nahm, Horace Hamilton     | New York City |
| B.S., 1917                |               |
| Zychlinski, Lech Wojciech | New York City |
| B.S., 1917                |               |

#### METALLURGICAL ENGINEERING—SECOND YEAR

|                      |               |
|----------------------|---------------|
| Cowen, Rudolph Henry | New York City |
| B.S., 1918           |               |
| Hirons, Gardner, Jr. | New York City |
| B.S., 1917           |               |

#### MINING ENGINEERING—SECOND YEAR

|                     |               |
|---------------------|---------------|
| Beckwith, Albert J. | New York City |
| B.S., 1915          |               |



|                             |                  |
|-----------------------------|------------------|
| Meagher, Edward Columba     | Montclair, N. J. |
| B.S., 1917                  |                  |
| Melzer, Frederick E.        | Baker, Ore.      |
| A.B., Univ. of Oregon, 1917 |                  |
| Parker, Everett Humphreys   | Denver, Col.     |
| B.S., Dartmouth, 1916       |                  |
| Peri, Alberto               | Lima, Peru       |
| Wang, Hsifan F.             | Shanghai, China  |
| B.S., Pei-yang Univ., 1915  |                  |

## SECOND YEAR—CLASS OF 1920

|                           |    |
|---------------------------|----|
| Chemical Engineering      | 18 |
| Civil Engineering         | 6  |
| Electrical Engineering    | 3  |
| Mechanical Engineering    | 4  |
| Metallurgical Engineering | 2  |
| Mining Engineering        | 6  |

—  
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## FIRST YEAR—CLASS OF 1921

## CHEMICAL ENGINEERING—FIRST YEAR

|                           |                   |
|---------------------------|-------------------|
| Cæsar, Saul               | Monticello, N. Y. |
| A.B., 1918                |                   |
| Grayzel, David Mathews    | New York City     |
| A.B., 1918                |                   |
| Joachim, Benjamin         | New York City     |
| B.S., 1918                |                   |
| Joseph, Henry             | Rosedale, N. Y.   |
| B.S., 1918                |                   |
| Karp, Joseph              | New York City     |
| A.B., 1918                |                   |
| Louria, Milton Roland     | New York City     |
| A.B., 1918                |                   |
| Mandelbaum, Malvin Robert | New York City     |
| A.B., 1918                |                   |
| Marson, Benjamin          | New York City     |
| A.B., 1918                |                   |
| Neuhaus, Herman           | New York City     |
| B.S., 1918                |                   |
| Offner, Monroe Marc       | New York City     |
| A.B., 1918                |                   |
| Petschek, Walter John     | New York City     |
| Pinski, Henry             | New York City     |
| Schaaf, William Leonard   | New York City     |
| Steinschneider, Richard   | Yonkers, N. Y.    |
| Tobias, Charles Howard    | New York City     |
| A.B., 1918                |                   |
| Walsh, Maurice Cyril      | Yonkers, N. Y.    |
| B.S., 1918                |                   |
| Work, Lincoln Thomas      | Yonkers, N. Y.    |
| A.B., 1918                |                   |

## CIVIL ENGINEERING—FIRST YEAR

|                        |               |
|------------------------|---------------|
| Povlsen, Paul Kristian | New York City |
| A.B., 1918             |               |

## ELECTRICAL ENGINEERING—FIRST YEAR

|                          |               |
|--------------------------|---------------|
| Despres, Joseph A.       | New York City |
| B.S., 1918               |               |
| Isaacson, Charles Byron  | New York City |
| A.B., 1918               |               |
| Markel, Claude           | New York City |
| Spence, Payton Westbrook | New York City |
| B.S., 1918               |               |

## MECHANICAL ENGINEERING—FIRST YEAR

|                         |               |
|-------------------------|---------------|
| Belsky, Max             | New York City |
| Dettloff, Adolph Mansen | New York City |
| A.B., C. C. N. Y., 1918 |               |
| Feldman, Philip         | New York City |
| A.B., 1918              |               |
| Zilboorg, James M.      | New York City |

## METALLURGICAL ENGINEERING—FIRST YEAR

|                         |               |
|-------------------------|---------------|
| Foster, Walter Labdon   | Bogota, N. J. |
| B.S., C. C. N. Y., 1917 |               |

## MINING ENGINEERING—FIRST YEAR

|                          |                   |
|--------------------------|-------------------|
| Clendenin, Thomas Pipes  | Mt. Vernon, N. Y. |
| B.S., C. C. N. Y., 1916  |                   |
| Gaudin, Antoine Marc     | New York City     |
| B.S., Lycee Toulon, 1917 |                   |
| Plein, Leopold Nicholas  | Crestwood, N. Y.  |
| A.B., 1918               |                   |
| Smith, Carlos Bjerck     | New York City     |

## FIRST YEAR—CLASS OF 1921

|                           |    |
|---------------------------|----|
| Chemical Engineering      | 17 |
| Civil Engineering         | 1  |
| Electrical Engineering    | 4  |
| Mechanical Engineering    | 4  |
| Metallurgical Engineering | 1  |
| Mining Engineering        | 4  |
|                           | —  |
|                           | 31 |

## NON-MATRICULATED STUDENTS

|                                                        |                   |
|--------------------------------------------------------|-------------------|
| Bissell, Robert Wilson                                 | New York City     |
| A.M., E.M., 1914; Met.E., 1915; B.S., Washington, 1912 |                   |
| Bregman, Adolph                                        | New York City     |
| E.M., Colorado School of Mines, 1914                   |                   |
| Chu, Shih-yun                                          | Changsha, China   |
| Friis, Harold Trap                                     | Naestved, Denmark |
| B.S., Royal Tech. Coll., 1916                          |                   |
| Fromholz, Adolph Stanley                               | Hastings, N. Y.   |
| A.B., 1918                                             |                   |
| Gebert, Norman John                                    | New York City     |
| Hallock, Edward Story                                  | Mt. Vernon, N. Y. |
| A.B., 1918                                             |                   |
| Henry, William Michael                                 | New York City     |
| M.E., 1917                                             |                   |

|                                           |                   | SUMMARY                                        |         |        |        |       |
|-------------------------------------------|-------------------|------------------------------------------------|---------|--------|--------|-------|
|                                           |                   | CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE |         |        |        |       |
|                                           |                   |                                                | 1st Yr. | 2d Yr. | 3d Yr. | Total |
| Heuer, Russell Pearce                     | Philadelphia, Pa. |                                                |         |        |        |       |
| B.S., Univ. of Pennsylvania, 1917         |                   |                                                |         |        |        |       |
| Huber, Harold Vincent                     | Los Angeles, Cal. |                                                |         |        |        |       |
| B. Chem., Cornell, 1917                   |                   |                                                |         |        |        |       |
| Jewett, Frederick William                 | New York City     |                                                |         |        |        |       |
| B.S., 1915; A.M., 1917                    |                   | <i>School of Mines</i>                         |         |        |        | 4     |
| Ling, Sze-Moo                             | Chehkiang, China  | Mining Engineering                             | 4       | 6      | 1      | 11    |
| A.M., 1918; B.S., Peking Gov. Univ., 1917 |                   | Metallurgical Engineering                      | 1       | 2      |        | 3     |
| Neafie, William Otis                      | New York City     | <i>School of Chemistry</i>                     |         |        |        |       |
| Paley, Lewis Adolphus                     | New York City     | Chemical Engineering                           | 17      | 18     |        | 35    |
| B.S., George Washington, 1917             |                   | <i>School of Engineering</i>                   |         |        |        |       |
| Rashleigh, Charles John                   | Houghton, Mich.   | Civil Engineering                              | 1       | 6      | 1      | 8     |
| B.S., E.M., Michigan Coll. of Mines, 1914 |                   | Electrical Engineering                         | 4       | 3      |        | 7     |
| Satoh, Hirota                             | Akita, Japan      | Mechanical Engineering                         | 4       | 4      |        | 8     |
| Met.E., Tokyo Imp. Univ., 1912            |                   | Non-matriculated                               |         |        |        | 17    |
| Yano Masayoshi                            | Tokio, Japan      |                                                |         |        |        | —     |
| E.E., Tokio Inst. Tech., 1910             |                   | Total                                          |         |        |        | 93    |

# REGISTER OF STUDENTS

## FACULTIES OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

|                                                                                    |                    |                                                                                                                            |                    |
|------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------|
| Abrahamson, Emanuel M.                                                             | New York City      | Atkinson, Raymond Cumings                                                                                                  | Cleveland, Ohio    |
| B.S., 1917; Ch.E., 1918. <i>Chemistry</i>                                          |                    | A.B., Western Reserve, 1917. <i>Government History, Economics</i>                                                          |                    |
| Adler, Howard                                                                      | New York City      | Au-Young, Sum Nung                                                                                                         | Hong Kong, China   |
| A.M., 1917; B.S., C. C. N. Y., 1916. <i>Chemistry</i>                              |                    | A.B., George Washington, 1918. <i>Public Law</i>                                                                           |                    |
| Agersborg, H. Pareli Kjerskog                                                      | New York City      | Ayusawa, Iwao Frederick                                                                                                    | New York City      |
| B.S. and M.S., Washington, 1916. <i>Zoology</i>                                    |                    | B.S., Haverford, 1917. <i>Social Economy, Sociology, Education</i>                                                         |                    |
| Agnew, May Gober                                                                   | New York City      | Babor, Joseph Albert                                                                                                       | New York City      |
| A.M., Queen's, 1899. <i>English</i>                                                |                    | A.M., 1918; B.S., C. C. N. Y., 1916. <i>Chemistry, Physics</i>                                                             |                    |
| Albright, Margaret De Lavalette                                                    | Greensboro, N. C.  | Bach, Matthew Gruenberg                                                                                                    | New York City      |
| A.B., Randolph-Macon, 1914. <i>English, French</i>                                 |                    | A.M., 1911; A.B., Trinity, 1910. <i>Spanish</i>                                                                            |                    |
| Allen, Bernice                                                                     | Chicago, Ill.      | Bain, Cora Marguerite                                                                                                      | La Grange, Ill.    |
| B.S., Chicago, 1909. <i>Chemistry</i>                                              |                    | Ph.B., Chicago, 1914. <i>English</i>                                                                                       |                    |
| Allen, Melissa Ann                                                                 | Temple, Texas      | Baker, Elizabeth Faulkner                                                                                                  | Aberdeen, Wash.    |
| A.B., Baylor, 1917. <i>French, English</i>                                         |                    | B.L., California, 1914. <i>Sociology, Economics, History</i>                                                               |                    |
| Altman, Ruth Peabody                                                               | Cincinnati, Ohio   | Baker, Emilie Kip                                                                                                          | Yonkers, N. Y.     |
| A.B., Wellesley, 1918. <i>Philosophy</i>                                           |                    | (n.m.) <i>Comp. Literature</i>                                                                                             |                    |
| Andr evski, Ivan Stephan                                                           | New York City      | Baker, Frank Clyde                                                                                                         | New York City      |
| <i>English, History, Spanish</i>                                                   |                    | A.B., Oberlin, 1886; B.D., Yale, 1919; LL.B., N. Y. Law School, 1900; LL.M., 1901. <i>Sociology, Psychology, Economics</i> |                    |
| Andrews, Walter Scott                                                              | Kingston, N. Y.    | Baker, Georgie Brock                                                                                                       | Macon, Ga.         |
| (n.m.) LL.B., 1883; A.B., Harvard, 1877; A.M., 1898. <i>Philosophy, Public Law</i> |                    | A.B., Wesleyan, 1917. <i>French</i>                                                                                        |                    |
| Araki, Bunsuke                                                                     | New York City      | Baker, Paul Earnest                                                                                                        | Denton, Tex.       |
| <i>Chemistry</i>                                                                   |                    | A.B., Trinity, 1915; B.D., McCormack, 1918. <i>History, Anthropology, Sociology</i>                                        |                    |
| Araki, Shigeru                                                                     | Fukui, Japan       | Balbin, Florinda                                                                                                           | New York City      |
| <i>Indo-Iranian</i>                                                                |                    | A.B., Adelphi, 1912. <i>Spanish</i>                                                                                        |                    |
| Arent, Leonora                                                                     | Badger, Iowa       | Baldwin, Mabel Evelyn                                                                                                      | New York City      |
| A.B., Iowa State, 1916; A.M., 1917. <i>Economics</i>                               |                    | A.B., 1914. <i>Chemistry, Physics</i>                                                                                      |                    |
| Argue, Laura                                                                       | Woodville, Miss.   | Bancker, Marion                                                                                                            | New York City      |
| A.B., Randolph-Macon, 1913. <i>History, Education, Sociology, Philosophy</i>       |                    | <i>Sociology</i>                                                                                                           |                    |
| Armstrong, Elida                                                                   | Jersey City, N. J. | Banine, James Thomas                                                                                                       | Lynn, Mass.        |
| A.B., Mt. Holyoke, 1915. <i>English</i>                                            |                    | (n.m.) <i>Philosophy</i>                                                                                                   |                    |
| Arnett, Alex Mathews                                                               | Sylvania, Ga.      | Barnes, Charles Raymond                                                                                                    | Mechanicsburg, Pa. |
| A.M., 1913; A.B., Mercer, 1908. <i>History, Economics, Government, Public Law</i>  |                    | A.B., Univ. of the South, 1917. <i>History, Sociology</i>                                                                  |                    |
| Arzt, Max                                                                          | New York City      | Barnes, William Wright                                                                                                     | Fort Worth, Tex.   |
| B.S., C. C. N. Y., 1918. <i>Philosophy, Sociology</i>                              |                    | A.B., Wake Forest, 1903; A.M., 1904; Th.D., South Baptist Theo. Sem., 1913. <i>History</i>                                 |                    |
| Atkinson, Geoffroy                                                                 | New York City      | Barras, Moses                                                                                                              | New York City      |
| A.M., 1914; B.S., Amherst, 1913. <i>French, Spanish</i>                            |                    | A.B., C. C. N. Y., 1917. <i>French, Spanish</i>                                                                            |                    |
| Atkinson, Grace Marie                                                              | New York City      |                                                                                                                            |                    |
| A.B., Swarthmore, 1915; A.M., Penn State, 1916. <i>Sociology, History</i>          |                    |                                                                                                                            |                    |

- Bau, Mingchien Joshua Ningpo, China  
A.B., Yale, 1918. *Public Law, Economics, Education, History*
- Beal, Thomas Andrew Salt Lake City, Utah  
A.M., 1910; A.B., Utah, 1906. *Economics, Business*
- Beaver, David John Schenectady, N. Y.  
A.M., 1917; B.S., Union, 1915. *Chemistry, Physics*
- Beaver, Jacob Julius Schenectady, N. Y.  
A.M., 1916; B.S., Union, 1915. *Chemistry, Physics*
- Behrman, Samuel Nathaniel New York City  
A.M., 1918; A.B., Harvard, 1916. *English*
- Bell, Lucille Austin, Tex.  
A.B., Texas, 1914. *History, Education, Fine Arts*
- Benedict, Agnes Elizabeth Cambridge, Mass.  
A.B., Vassar, 1911. *English*
- Benedict, Bertram New York City  
A.B., Johns Hopkins, 1912. *Philosophy*
- Benham, Rhoda Williams New York City  
A.B., 1917. *Botany*
- Benneyan, George White Plains, N. Y.  
A.B., Amherst, 1918. *Government, Economics, History*
- Bernheim, Grace Mailhouse New York City  
(n.m.) *Sociology, Economics*
- Beyer, Max William Erie, Pa.  
A.B., Baldwin Wallace, 1913; B.D., Drew Theological, 1916. *Sociology*
- Bienenfeld, Jesse New York City  
B.S., N. Y. Univ., 1913. *History*
- Black, Forrest Revere Tiffin, Ohio  
A.B., Wisconsin, 1916. *Economics, Philosophy*
- Blair, James William Topeka, Kan.  
(n.m.) A.B., Tabor, 1900; A.M., Kansas, 1911. *English*
- Bloch, Louis New York City  
A.B., Wisconsin, 1916; A.M., 1917. *Economics, Sociology*
- Bloomfield, Grover Elkhart Lake, Wis.  
A.B., 1918. *Chemistry, Mathematics*
- Bloxton, Amo Ethelyn Roanoke, Va.  
A.B., Randolph Macon, 1917. *French Education*
- Bogart, Marie Richfield Springs, N. Y.  
A.B., New Rochelle, 1918. *Economics, Government*
- Boggess, Stanley Theodore Marietta, Ohio  
A.B., Marietta, 1916. *Sociology, English*
- Bond, William Miller New York City  
A.B., Lafayette, 1913. *Physics*
- Bonnlander, Vincent Charles New York City  
A.B., 1908; A.M., N. Y. Univ., 1915. *Philosophy, Psychology*
- Borden, Marion Allen Grantwood, N. J.  
A.B., 1915. *English*
- Borsykowski, Benno New York City  
*Chemistry*
- Boutwell, Marguerite S New York City  
A.M., 1918; A.B., Hunter, 1916. *Sociology, Botany, Biology*
- Bovée, Dorothea Hélène New York City  
A.B., Hunter, 1918. *Mathematics*
- Bowen, Robert Hall Mt. Vernon, N. Y.  
A.M., 1916; A.B., Colby, 1914. *Zoology*
- Bradley, Eustace Uel Troy, S. C.  
A.B., South Carolina, 1914. *English, Education*
- Bradwin, Edmund William Wingham, Canada  
A.M., Queens, Canada, 1914. *Economics, Sociology, History*
- Brakeley, Elizabeth Freehold, N. J.  
A.B., Bryn Mawr, 1916; A.M., 1917. *Chemistry, Physics*
- Bremer, Phebe Eleanor Maplewood, N. J.  
A.B., 1917. *Psychology, Education*
- Brennecke, Ernest New York City  
A.B., 1917. *English*
- Brenner, Rica New York City  
A.B., Adelphia, 1918. *English, Government*
- Bressler, Helen B. New York City  
A.B., Lebanon Valley, 1905. *English*
- Brink, Louise New York City  
A.B., Vassar, 1898. *German, Neurology*
- Broches, Louis New York City  
A.M., 1916; B.S., Brooklyn Poly., 1914. *Biological Chemistry*
- Bromstein, David C. New York City  
*History, Economics*
- Brown, Elizabeth Louise Austin, Tex.  
A.B., Texas, 1915. *Zoology, Bacteriology, Public Law*
- Brown, John Newman Emory, Va.  
A.B., Emory and Henry, 1904; A.M., Chicago, 1916. *Greek, Latin*
- Browne, Maud Passaic, N. J.  
*History*
- Bruchhaus, John Victor New York City  
B.S., N. Y. Univ., 1918. *Economics, Government, Sociology*
- Buggeln, Gertrude Elizabeth New York City  
A.B., Hunter, 1918. *Mathematics*
- Bullock, Hazel Jane Cambridge Springs, Pa.  
A.B., Allegheny, 1909. *French*
- Burdick, Russell Dewey New York City  
B.S., 1919. *Chemistry, Physics*
- Burke, William Willard Sterling, Col.  
A.B., Denver, 1916. *English*
- Burlingame, Agnes Manati, Porto Rico  
A.B., Boston, 1914. *Spanish*
- Burns, Charlotte Redmond New York City  
A.B., 1918. *History, Education*
- Burris, M. Calliope New York City  
A.M., 1917; A.B., Hood, 1916. *Economics*
- Burt, Edwin Arthur New York City  
A.B., Yale, 1915. *History*



- Busing, Emily Theresa (Mrs.) New York City  
A.B., Adelphia, 1918. *French, Education*
- Buswell, Constance Anna Cedar Falls, Iowa  
A.B., Iowa State Teachers, 1916. *English*
- Butler, Elizabeth Rhodes Fort Dodge, Iowa  
A.B., Vassar, 1918. *Social Economy*
- Caldwell, Mary Letitia South Salem, Ohio  
A.B., Western, 1913. *Chemistry*
- Caldwell, Ruth Evelyn New York City  
A.B., Hunter, 1918. *History, Public Law*
- Callan, Gertrude New York City  
A.B., New Rochelle, 1913. *Latin, History*
- Calcott, Frank New York City  
A.B., Southwestern, 1916. *Spanish, French, Education*
- Cameron, Christine May Irwin, Pa.  
B.S., Carnegie Tech., 1917. *Chemistry, Household Arts*
- Commack, Margaret L. St. Paul, Minn.  
A.M., 1918; A.B., Minnesota, 1917. *Chemistry*
- Campbell, Agnes Dorothy Monmouth, Ore.  
A.B., Oregon, 1913. *French*
- Campbell, Lois Bushnell Lyons, N. Y.  
A.B., Wells, 1915. *History*
- Cano, Juan Arenas Paterson, N. J.  
B.D., Toledo, 1909. *French*
- Capocelli, Ginevra New York City  
A.M., 1918. *Sociology*
- Carothers, Florence Edith New York City  
A.B., 1916; A.M., 1917. *Education, Psychology*
- Carpenter, Ruth Gardiner New York City  
A.B., Smith, 1913. *Economics*
- Chan, Chow On Hong Kong, China  
A.B., Michigan, 1915. *History, Economics*
- Chan, Ye Young Shing Nan City, China  
A.B., Illinois, 1918. *Public Law, Economics*
- Chandler, Anna Hamilton St. Louis, Mo.  
A.M., 1918; A.B., Washington, 1914. *French*
- Chang, Chuanciu Kuhwei Shaowei, China  
A.M., 1916; A.B., Michigan, 1914. *Public Law, Jurisprudence*
- Chang, Hung-Hsiang Washington, D. C.  
A.B., 1917; A.M., 1918. *Economics*
- Chang, Yao Chiang Washington, D. C.  
A.B., 1918. *Psychology, Education, Sociology*
- Chang, Yun Shensi, China  
A.B., 1918. *History, Jurisprudence, Sociology, Anthropology*
- Chapman, John Martin Masontown, W. Va.  
A.B., Indiana, 1917. *Economics, Government*
- Chassell, Joseph Olin Mt. Vernon, Iowa  
A.B., Cornell, Iowa, 1919. *Psychology*
- Cheatham, Ivy Waxahachie, Tex.  
A.B., Trinity, 1910. *History, Education, Sociology*
- Chekrezi, Constantin Onastas Korcha, Albania  
A.B., Harvard, 1918. *Public Law, Jurisprudence, History, Economics*
- Chen, Ho Chin Shooching, China  
A.B., Johns Hopkins, 1917. *Neuro-Anatomy, Psychology, Education*
- Chen, Queh King Sonzee, China  
A.B. and A.M., Illinois, 1918. *Public Law*
- Chen, Ting Hsi Ningpo, China  
B.S., Pennsylvania, 1917. *Economics, Sociology, History*
- Chên, Wei Kuang Canton, China  
A.B., Dartmouth, 1918. *Business, Economics*
- Chen, Yii, Gwan Nanking, China  
A.M., 1918. *Chemistry*
- Chen, Yii, Meng Indianapolis, Ind.  
A.B., Nanking, 1914; A.M., Butler, 1916. *Business*
- Chin, Yueh Liu Hunan, China  
A.M., 1918; B.S., Pennsylvania, 1917. *Government, History, Public Law, Sociology*
- Chow, Chi Pang Washington, D. C.  
A.B., St. John's, 1913; B.S., Pennsylvania, 1916; M.B.A., Harvard, 1918. *Business*
- Chung, Kocheng Chenyang Shanghai, China  
A.B., Reed, 1917. *Economics, Public Law*
- Clapp, Percy Edwin Rush, N. Y.  
A.M., 1918; A.B., Cornell, 1910; B.S.A., 1911. *Sociology, Neurology*
- Clark, Florence Ritchie New York City  
A.B., Hunter, 1907. *Government*
- Clarkson, Jesse Dunsmore New York City  
A.B., Williams, 1918. *History, Jurisprudence, Sociology*
- Cleveland, Donna Belle Friendship, N. Y.  
A.B., Syracuse, 1914. *English*
- Cobb, Margaret Eulalie Grandview, Tex.  
A.B., Texas, 1898. *English*
- Cobb, Margaret Everson Tarrytown, N. Y.  
A.M., 1918; A.B., Vassar, 1917. *Psychology, Education*
- Cody, Lois Greenville, S. C.  
B.S., 1913; A.M., 1914. *History, Public Law*
- Coffin, Dorothy Huntington Colorado Springs, Col.  
A.B., Colorado, 1918. *History, Education, Sociology*
- Cohen, Edward Egar New York City  
B.S., C. C. N. Y., 1917. *Chemistry*
- Cohn, Caroline Orange, N. J.  
A.B., 1914; A.M., 1917. *Neurology*
- Cohn, David Josaphat New York City  
A.B., C. C. N. Y., 1917. *Chemistry*
- Coles, Henry L. New York City  
B.S., Ohio State, 1912; M.S., Rose Poly., 1915. *Chemical Engineering, Metallurgy*
- Collins, Helen Browne Rutland, Vt.  
A.B., 1917. *French, Spanish*
- Collins, Ross William Port Williams, Canada  
A.B., Acadia, 1912; A.M., 1914; B.D., Union Theo. Sem., 1918. *History*

- Collisson, Marjorie Chave South Australia  
A.B., Women's College, 1916. *Economics, History, Sociology*
- Cone, Daisy Newborg New York City  
(n.m.) A.B., Hunter, 1898. *History*
- Cone, Harold Joseph New York City  
A.B., 1918. *Economics*
- Conger, George Perrigo Palisades Park, N. J.  
A.B., Cornell, 1907; B.D., Union Theo. Sem., 1910. *Philosophy*
- Copeland, Anna Brown Rochester, N. Y.  
Ph.B., Rochester, 1909; A.M., Harvard, 1912. *Psychology*
- Cover, John Higson New York City  
B.S., 1915. *Economics, History, Sociology, Philosophy*
- Cox, Katherine Richmond, Ind.  
A.B., Earlham, 1901. *Mathematics*
- Crawford, Catherine New York City  
B.S., 1919. *English*
- Crites, James Edward, Jr. Spokane, Wash.  
B.S., Washington State, 1916. *Physics*
- Crumrine, Ralph Milton Akron, Ohio  
A.B., Cornell, 1911. *Bacteriology*
- Culver, Mearl Peter Stony Brook, N. Y.  
A.B., Albion, 1917. *Sociology*
- Cumming, Charles Gordon  
New Glasgow, N. S., Canada  
A.B., Dalhousie, 1905; B.D., Union Theo. Sem., 1911. *Arabic, Sumerian*
- Cumming, Jane Geneva, N. Y.  
A.B., Smith, 1912. *English*
- Czarnomska, M. Elizabeth J.  
Hempstead, N. Y.  
A.M., Smith, 1904. *Semitics*
- Dafoe, Helen Isabel Toronto, Canada  
A.B., Toronto, 1911. *Sociology, History, Government, Economics*
- Dahlberg, Inga Josephine New York City  
A.B., Hunter, 1918. *English*
- Dailey, Dew Parkersburg, Ia.  
A.B., Cornell, Iowa, 1913. *Sociology, Psychology, History*
- Dalton, Irene Elizabeth Gertrude New York City  
A.B., 1917. *English*
- Dame, Faye Adele Amesbury, Mass.  
A.B., Radcliffe, 1908. *English, Philosophy*
- Darlington, Gilbert Sterling Bancroft Harrisburg, Pa.  
A.B., 1912. *Philosophy*
- Dart, Marie Margaret New York City  
A.B., Hunter, 1918. *Latin*
- Davidson, Arthur William New York City  
A.M., 1917; B.S., C. C. N. Y., 1915. *Chemistry, Physics*
- Davis, Jerome New York City.  
A.B., Oberlin, 1913. *Social Economy, Sociology, Economics*
- Davy, Elizabeth Julia Rochester, N. Y.  
A.B., Wells, 1918. *Social Economy*
- De Camp William Val Denver, Col.  
E.M., Colorado School of Mines, 1908. *Geology, Mining*
- de Kernay, Aline New York City  
A.B., Hunter, 1918. *French, Education*
- Dellinger, Samuel Claudius Lincolnton, N. C.  
A.M., 1917; A.B., Trinity, 1915. *Zoology*
- de Moraes, Vicente Ferreira New York City  
*Public Law, Economics, Government*
- Derbyshire, Alfred James New York City  
*History, French, Philosophy, German, Semitics*
- Dille, Maude Evelyn Fremont, Neb.  
A.B., Dakota Wesleyan, 1909. *English, Latin*
- Diner, Irene Caroline New York City  
A.M., 1918; A.B., Hunter, 1917. *Chemistry*
- Dixon, Virginia Missoula, Mont.  
A.B., Montana, 1917. *Sociology, Economics, History, Social Economy*
- Donchian, Eugenie New York City  
A.B., Bryn Mawr, 1917. *French, Spanish, Education*
- Dondore, Dorothy Anne Iowa City, Iowa  
A.B., Iowa, 1916; A.M., 1917. *English*
- Dowell, Sarva New York City  
A.B., Amity, 1903; A.M., 1908. *Spanish, French, Phonetics*
- Downing, Eleanor Theresa New York City  
A.B., Trinity, 1918. *Social Economy, Sociology*
- Doyle, Mary Elizabeth New York City  
A.B., Hunter, 1914. *Latin*
- Drew, Bessie Ellen Evanston, Ill.  
B.S., Northwestern, 1909. *History, Sociology*
- Dublin, Frances New York City  
A.B., Hunter, 1918. *Sociology, History*
- Dunn, Wie Tsain Changteh, China  
A.B., Ning-teh, 1913; A.M., Iowa, 1917. *Administrative Law*
- Durboraw, Raymond H. New York City  
A.B., Iowa, 1913; Ph.D., 1915. *History, Philosophy*
- Dzushi, Hisataka Tokyo, Japan  
*Zoology*
- Eastland, Jeanne Burns (Mrs.)  
Oklahoma City, Okla.  
A.B., Oklahoma, 1918. *Psychology, Philosophy, Education, English*
- Edgeworth, Harriet Isabel Kankakee, Ill.  
Ph.B., Chicago, 1913; M.S., 1916. *Chemistry*
- Edwards, George Herbert, Jr. Darlington, S. C.  
A.B., South Carolina, 1909; A. M., 1913. *Sociology*
- Edwards, Jeannette Letitia Youngstown, Ohio  
A.B., Wellesley, 1916. *Social Economy*
- Elder, John Clifton New York City  
A.B., Emory, 1895; A.M., Harvard, 1910; LL.B., Georgia, 1901. *Economics*

- Ely, Mary Lillian Dayton, Ohio  
A.B., 1917. *History, Sociology, Philosophy, Anthropology*
- Emmons, Martha New York City  
A.B., 1912; A.M., 1914. *French*
- Enders, Henry Cornelius New York City  
B.S., Cooper Union, 1903. *Chemistry*
- English, James Henry Hanover, N. H.  
A.B., Dartmouth, 1912. *French*
- England, Florence Levinia New York City  
A.B., Upsala, 1917. *Economics*
- Everett, Edith Mary New York City  
B.L., Smith, 1903. *Psychology*
- Eyring, Carl Ferdinand Maplewood, N. J.  
A.B., Brigham Young, 1912; A.M., Wisconsin, 1915. *Electrical Engineering*
- Fanelli, Rocco New Rochelle, N. Y.  
B.S., 1918. *Chemistry, Physics*
- Fang, Sze-Voo Tali, China  
B.S., Cornell, 1917. *Economics*
- Farnham, Carrie Evangeline New York City  
A.M., 1918; B.S., Grenoble, 1916. *Spanish*
- Farrar, Sara Agnes Bainbridge, Ga.  
A.B., Goucher, 1918. *French, Education, English*
- Fateh, Mostafa Khan Isfahan, Persia  
*Economics, History*
- Fay, Dudley Ward New York City  
A.B., Williams, 1907. *Phonetics, German*
- Feldman, Aaron New York City  
B.S., C. C. N. Y., 1917. *Chemistry*
- Feliciano, Ramon T. San Fernando, P. I.  
A.B., Ph.G., Philippines, 1916; B.S., 1917. *Chemical Engineering*
- Felshin, Max New York City  
*Arabic, Syriac, Education, International Relations*
- Fisher, Helen Vastine Geneseo, Ill.  
A.B., Illinois, 1916. *Social Economy*
- Fisher, James Earnest Millersburg, Ky.  
A.B., Emory and Henry, 1911. *Psychology, Education*
- Fisher, Ruth Anna New York City  
A.B., Oberlin, 1906. *History, Sociology*
- Florence, Philip Sargent Marlow Bucks, England  
Ph.D., 1918; A.B. and A.M., Cambridge, 1914. *Economics*
- Ford, Anna New York City  
Ph.B., Chicago; B.L., California; A.M., Michigan, 1912. *Spanish, Education*
- Fordring, William John New York City  
B.S., Fordham, 1916. *Bacteriology, Neurology*
- Foster, Irene McLoud Fort Smith, Ark.  
A.B., New Rochelle, 1918. *English, Russian*
- Foster, Lois Fitzhugh San Marcos, Tex.  
A.B., Texas, 1917. *History, Education*
- Fowler, Anne Lurinda Hanover, Ohio  
A.B., Ohio Wesleyan, 1918. *Social Economy, Sociology, Philosophy, Education*
- Franklin, Adele New York City  
A.B., 1918. *Geology*
- Franklin, Ernestine Phelps New York City  
A.M., 1918; A.B., Hunter, 1917. *Greek, Latin*
- Franzen, Raymond Hugh St. Paul, Minn.  
A.B., Harvard, 1917. *Education*
- Fraser, Frances Maxwell Riverside, Cal.  
A.B., Vassar, 1917. *Sociology, History*
- French, Eilene Seattle, Wash.  
Mus.B., Washington, 1916. *Music, Sociology, Education*
- French, Irma Seattle, Wash.  
A.B., Washington, 1917. *Sociology, Education, Music*
- Friedman, Sol Cleveland, Ohio  
LL.B., Baldwin-Wallace, 1914. *Semitics, History*
- Friess, Horace Leland New York City  
A.B., 1918. *Philosophy*
- Frost, Elizabeth Dee Shelbyville, Tenn.  
B.S., Peabody, 1918. *English*
- Fuchs, Francis Joseph New York City  
A.M., 1918; A.B., St. John's, 1909. *Chemistry, Physics*
- Fujita, Kunika Tokio, Japan  
A.B., Waseda, 1916. *History, Public Law*
- Garcia, Fabian Habana, Cuba  
(n.m.) B.L.S., Instituto de la Habana, 1914. *History, Economics*
- Garrett, Sara New York City  
A.B., Hunter, 1918. *Social Economy*
- Gatewood, Elizabeth Stuart Newport News, Va.  
B.S., 1919. *Chemistry*
- Genzmer, George Harvey Newark, N. J.  
A.B., Williams, 1918. *English*
- George, May Olivia Ypsilanti, Mich.  
A.B., Wisconsin, 1915. *French, Education*
- Gere, Katharine Townsend Syracuse, N. Y.  
A.B., Wellesley, 1916. *Psychology, Education*
- Gerloff, Martha Louisa Mt. Kisco, N. Y.  
A.B., 1918. *History, Russian*
- Gibson, George Miles Dallas, Tex.  
A.B., Southern Methodist Univ., 1917. *English*
- Gidart, Augustus William New York City  
(n.m.) A.B., Chicago, 1907; A.M., Yale, 1910; B.D., 1911. *Hebrew*
- Giessler, Caroline Hawthorne, N. Y.  
A.B., Hunter, 1917. *English*
- Giesy, Paul Miller Columbus, Ohio  
A.B., Ohio State, 1910; B.S. and A.M., 1912. *Chemistry, Physics*
- Gignilliat, George Warren, Jr. Seneca, S. C.  
A.B., Davidson, 1915; A.M., Harvard, 1917. *English*
- Gildner, Laura May Philadelphia, Pa.  
A.M., 1916; A.B., Cornell, 1906. *Greek*

- Gill, Bennington Pearson New York City  
A.M., 1918; A.B., C. C. N. Y., 1917; B.S., 1917. *Mathematics*
- Gillet, Louis Bliss New York City  
A.B., 1904. *English, Philosophy*
- Gillette, Charlotte Emma Watertown, N. Y.  
A.M., 1916; A.B., Syracuse, 1909. *Latin*
- Gilman, Mary Agnes Foxcroft, Me.  
A.B., Mt. Holyoke, 1910. *History, Government, Sociology*
- Gilpatrick, Delbert Harold Palatka, Fla.  
A.B., Stetson, 1914. *History, Public Law, Education*
- Ginsburg, Jekuthiel New York City  
A.M., 1918. *Mathematics*
- Gluck, Florence New York City  
A.B., Hunter, 1917. *History*
- Gluck, Marguerite L. New York City  
A.B., Hunter, 1918. *Botany*
- Goldberg, Benjamin New York City  
*Psychology, Education*
- Goldberg, Jacob Alter New York City  
A.M., 1916; A.B., C. C. N. Y., 1915. *Social Economy*
- Goldman, Julia New York City  
A.M., 1916. *Psychology*
- Goldman, Solomon New York City  
A.B., N. Y. Univ., 1917. *Philosophy*
- Goldsmith, Harry West New York, N. J.  
B.S., 1913. *Botany*
- Goldstein, Belinda Irma New York City  
A.B., Hunter, 1914. *English, Education*
- Goldstein, Lilian New York City  
A.B., Hunter, 1918. *English*
- Goodman, Theodore New York City  
A.B., C. C. N. Y., 1915. *English, Russian*
- Gordon, Flora Maier New York City  
A.M., 1918. *Economics*
- Grablowsky, Herman Arnold New York City  
A.M., 1918; A.B., C. C. N. Y., 1916. *History, Social Economy*
- Grady, Eleanor Hunsdon New York City  
A.B., 1908; A.M., 1911. *History*
- Graham, V. Arvin New York City  
A.B., Cornell, 1917; A.M., 1918. *Philosophy*
- Grandin, Frances New York City  
B.S., 1917; A.B., Hunter, 1902. *Latin*
- Granger, Frederic Stearns New York City  
A.M., 1916; B.S., Princeton, 1915. *Chemistry*
- Graper, Adah New York City  
(n.m.) Ph.B., North Western, 1911. *Public Law*
- Gray, Magna Anita New York City  
A.B., Hunter, 1910. *Spanish*
- Grayzel, Soloman New York City  
A.B., C. C. N. Y., 1917. *Philosophy*
- Greenberg, David Benjamin New York City  
A.B., 1913. *English*
- Gregory, Lucy Cambridge, Mass.  
A.M., 1918; A.B., Radcliffe, 1916. *French, Spanish*
- Greig, Mary New York City  
B.S., 1918. *English*
- Greve, Harriet Cone Chattanooga, Tenn.  
A.M., 1915; A.B., Tennessee, 1906. *History, Education*
- Grier, William Alfred New York City  
A.M., 1918; B.D., General Theo. Sem., 1916; B.S., Kenyon, 1897. *History*
- Griesmer, Roberta Hamilton, Ohio  
A.B., Western, 1917. *Sociology, Psychology*
- Griffiths, Mary Rose M. New York City  
A.B., 1918. *History*
- Gross, Paul Magnus New York City  
A.M., 1917; B.S., C. C. N. Y., 1916. *Chemistry*
- Grossman, Max New York City  
A.B., C. C. N. Y., 1916. *Philosophy, Anthropology*
- Grossmark, Louis Ira New York City  
A.B., C. C. N. Y., 1919. *History, Economics*
- Guinee, Marie Loretta New York City  
A.M., 1918; A.B., Hunter, 1917. *Mathematics*
- Gutmann, James New York City  
A.B., 1918. *Philosophy, English, French*
- Haessler, Luise New York City  
A.B., Chicago, 1906. *English, Comp. Philology*
- Hahn, E. Adelaide New York City  
A.M., 1917; A.B., Hunter, 1915. *Latin*
- Hall, Elizabeth Seay New York City  
A.B., Woman's Coll. of Alabama, 1917. *English*
- Hall, Helen Louise New York City  
A.B., Wellesley, 1903. *English*
- Hall, Ray Ovid Stephentown, N. Y.  
A.M., 1914. *Economics*
- Halpern, Harry New York City  
A.B., C. C. N. Y., 1919. *Philosophy*
- Hamada, Ikiyujro Kobe City, Japan  
A.B., Waseda, 1911. *Philosophy*
- Hamilton, Helen M. New York City  
A.B., Smith, 1895. *Psychology, Education*
- Hanchett, David Scott New York City  
A.B., Wisconsin, 1910; Ph.D., Pennsylvania, 1915. *Philosophy*
- Hanhart, Eunice Harvey New York City  
A.M., 1918; A.B., Hunter, 1916. *French*
- Hannibal, Edna Anne San Jose, Cal.  
A.B., Stanford, 1915; A.M., 1916. *Bacteriology*
- Harris, Milton Hyrum New York City  
A.M., 1917; A.B., Brigham Young, 1915. *Economics*
- Harrison, Benjamin Samuel Villa Grove, Ill.  
A.B., Illinois, 1918. *English*



- Hartwig, Carl Erichs New York City  
B.S., 1917. *Chemistry, Physics*
- Haupt, Mary Alden Morgan New York City  
A.M., 1918; A.B., Bryn Mawr, 1912.  
*Psychology, Anthropology, Education*
- Hausle, Eugenie Caroline New York City  
A.B., 1917; A.M., 1918. *Mathematics*
- Haven, Theo Gould Great Barrington, Mass.  
B.S., Syracuse, 1914. *Chemistry*
- Hawley, Charles Arthur New York City  
A.B., Hamilton, 1916. *Semitics*
- Hays, Grace Pinkerton Portland, Ore.  
A.M., 1918; A.B., Reed, 1915. *Zoology*
- Heaney, Andrew Joseph New York City  
A.B., Ireland, 1912. *Sociology*
- Heezen, Caroline Muscatine, Iowa  
A.B., Grinnell, 1914. *History*
- Heldt, Francis Henry New York City  
A.B., 1918. *Spanish*
- Hendel, James Monroe Reading, Pa.  
Litt.B., Princeton, 1914. *Chemistry*
- Henry, Abraham Grafton Baltimore, Md.  
A.B., Morgan, 1913. *Sociology, Psychology, Economics, Philosophy*
- Henry, Margaret Young Jersey City, N. J.  
A.M., 1917; A.B., Wellesley, 1897. *Greek, Latin*
- Hepburn, Dollie Booth East Orange, N. J.  
A.B., Smith, 1913. *Sociology*
- Herbert, Edres New York City  
*Geology*
- Herrera, Pilar Perez Manila, P. I.  
B.S., Philippines, 1916. *Chemistry*
- Herrick, Raymond Morse Green Island, N. Y.  
A.B., 1916; A.M., 1917. *English*
- Herring, Alice Maude New York City  
A.B., Hunter, 1917. *Government*
- Hilderman, Clara New York City  
A.B., Colorado, 1917. *Sociology, History*
- Hill, Charles Edwin New York City  
A.B., Harvard, 1901. *History*
- Hishikawa, Seiichi Osaka, Japan  
A.M., Chicago, 1917; B.D., 1918. *Philosophy, History*
- Hipp, John, Jr. Denver, Col.  
A.B., Denver, 1916; A.M., 1918. *Physics*
- Hitchcock, David Ingersoll Detroit, Mich.  
A.B., Dartmouth, 1915. *Chemistry*
- Hoke, Calm Morrison Palisade, N. J.  
A.B., Hunter, 1908. *Chemistry*
- Holderer, May Morris New York City  
A.M., 1910; A.B., Hunter, 1903. *Geography*
- Hollingsworth, Olive Crosby, Tex.  
A.B., Texas, 1915. *History, Economics, English*
- Holt, Jacob Horace New York City  
A.M., 1918; A.B., Otterbein, 1914. *Economics, Sociology, Philosophy*
- Holz, Margaret Brunhilde New York City  
A.M., 1915; B.S., Breslau, 1908. *Spanish*
- Holz, Sophie New York City  
B.S., 1915. *French*
- Holzwasser, Florrie New York City  
A.B., 1914; A.M., 1918. *Mineralogy, Geography, Geology*
- Honeywell, Hannah Elizabeth Walton, N. Y.  
A.M., 1919; A.B., Mt. Holyoke, 1910.  
*Physiology, Household Arts*
- Honor, Leo Lazarus New York City  
A.B., C. C. N. Y., 1914. *Semitics*
- Hood, Raymond Johnson New York City  
A.B., Hamilton, 1917. *History, Government*
- Hottenstein, Arthur Clifton Yorktown Heights, N. Y.  
A.B., Arizona, 1917. *Sociology*
- Hou, Te-Pang New York City  
B.S., Mass. Inst. of Tech., 1917. *Chemical Engineering*
- Houser, Ruth Bailey Ft. Valley, Ga.  
A.B., Wesleyan, 1918. *French, English, Education*
- Housman, Ida Emily Hoboken, N. J.  
B.S., N. Y. Univ., 1918. *Education*
- Houston, Rivers Brahan Batesville, Miss.  
A.B., Mississippi, 1918. *Philosophy, History*
- Hsu, Chao Chun Nantungchow, China  
A.M., 1918; B.S., St. John's, 1917. *Economics, International Law*
- Hsu, Shih-Chen Foochow, China  
Litt.B., Princeton, 1916. *Jurisprudence, Philosophy, History*
- Hsu, Shuhsi Swatow, China  
A.B., Hong Kong, 1917. *Public Law, Jurisprudence, Economics, Government, History*
- Hu, Chi Hsiu Canton, China  
B.S., Pennsylvania, 1917; A.M., 1918. *Economics*
- Huang, Cho-Chun Hong Kong, China  
B.S., Trinity, 1918. *Economics*
- Huang, Feng Hua Canton, China  
A.B. and A.M., Wisconsin, 1917. *Economics, Public Law, History*
- Hubbell, Jay Broadus Dallas, Tex.  
A.B., Richmond, 1905; A.M., Harvard, 1908. *English*
- Huettner, Alfred Francis West Fort Lee, N. J.  
A.M., 1918; A.B., South Dakota, 1916. *Zoology*
- Hughes, Richard Henry New York City  
B.D., Yale, 1893. *History*
- Hulbert, Chauncey Pinneo Groton, Conn.  
A.B., Dartmouth, 1915. *Russian*
- Hull, Orrie Leslie New York City  
A.M., 1918; A.B., Hiram, 1906. *Sociology, History*
- Hume, Mary Ballantine Springfield, Mass.  
A.B., Mt. Holyoke, 1918. *History, Sociology*

- Hung, William Foochow, China  
A.B., Ohio Wesleyan, 1917. *History, Education*
- Hupper, Marjorie Alden Tenants Harbor, Me.  
M.S., 1919; A.B., Mt. Holyoke, 1917. *Bacteriology, Medicine*
- Hwang, Shih Heng Hunan, China  
A.M., 1918; A.B., Iowa, 1917. *Public Law, Jurisprudence, Sociology, Government*
- Iacuzzi, Alfred New York City  
A.B., C. C. N. Y., 1917. *Latin, French, Education*
- Ickis, Marguerite G. Adena, Ohio  
B.S., Ohio, 1918. *Botany*
- Ikeguchi, Takeo Izushi, Japan  
*Chemistry*
- Isaacs, Jackson S. New York City  
B.S., C. C. N. Y., 1918. *Chemistry, Physics*
- Isaacs, Jacob Irving New York City  
B.S., C. C. N. Y., 1918. *Chemistry*
- Iwasaki, Uichi Kobe, Japan  
A.M., 1918; LL.B., Kwansei, 1915. *Sociology, Psychology*
- Jacobs, Leo New York City  
A.M., 1905; A.B., C. C. N. Y., 1900. *Philosophy*
- Jacobs, Sara J. Des Moines, Ia.  
A.B., Colorado, 1914. *Social Economy*
- Jacoby, Henry New York City  
A.B., C. C. N. Y., 1918. *English, Statistics*
- Jaffe, William New York City  
A.B., C. C. N. Y., 1918. *History, Public Law*
- Jaggard, Alice Granger New York City  
A.B., 1909. *Latin*
- Jahr, Alfred D. North Little Rock, Ark.  
B.S., C. C. N. Y., 1918. *Education*
- Jameson, Emma Eureka, Cal.  
B.S., California, 1902. *French, Education*
- Jarvis, Rebecca Bernice New York City  
A.B., Hunter, 1918. *German*
- Jasem, Solomon Isaac Worcester, Mass.  
A.B., Clark, 1918. *Chemistry*
- Jensen, Erik Leonhard New York City  
A.B., 1914. *English*
- Johann, Norma Eva New York City  
A.M., 1917; A.B., Hunter, 1914. *Physics*
- Johnson, Florence Emily Worcester, Mass.  
A.B., Mt. Holyoke, 1905. *Latin*
- Jordan, Anna Gounod New York City  
A.B., 1915. *English*
- Joubert, David Burger Montagu, South Africa  
A.M., Cape of Good Hope, 1918. *Chemical Engineering, Physics*
- Jud, Friedolina Catharina Jersey City, N. J.  
B.S., 1912; A.M., 1913. *Botany*
- Judge, Gladys Mary New York City  
A.B., New Rochelle, 1916. *English*
- Kahn, Morton Charles New York City  
B.S., Cornell, 1916. *Bacteriology*
- Kalendarian, Vahen Horhannes Egin, Armenia  
A.B., Dartmouth, 1914. *International Law, Economics, Sociology*
- Kang, Shih-Min Shanghai, China  
LL.B., Pei-Yang, 1918. *Public Law, Economics, Sociology*
- Kaplan, Benjamin D. New York City  
A.M., 1918; A.B., C. C. N. Y., 1916. *Sociology*
- Kaplan, Isaac F. New York City  
A.M., 1918; A.B., C. C. N. Y., 1916. *French*
- Kaplan, Julius New York City  
A.B., 1914; A.M., 1915. *Semitics*
- Karn, Roy Buchanan High Bridge, N. J.  
B.S., Lafayette, 1918. *Chemistry, Mineralogy, Metallurgy*
- Kasper, Alice New York City  
A.B., Hunter, 1913. *Education*
- Kauffman, Henry Bayonne, N. J.  
A.B., 1914; B.D., Union Theo. Sem., 1917. *Anthropology, History*
- Kawara, Masakatsu Kobe, Japan  
LL.B., Doshisha, 1916. *Public Law, History, Sociology, Government*
- Keegan, Robert Fulton New York City  
A.B., Cathedral, 1911; A.M., Catholic, 1916. *Social Economy*
- Keeney, Ruth Mabel Monson, Mass.  
A.B., Oberlin, 1907. *Spanish, French, Education*
- Kegerreis, Roy Bellevue, Ohio  
M.E., Ohio State, 1911; A.M., Harvard, 1916. *Physics, Mathematics*
- Kelly, John Alexander Lynchburg, Va.  
A.M., 1916; A.B., Emory and Henry, 1911. *German*
- Kelly, Margaret W. Pittsburgh, Pa.  
A.B., Mt. Holyoke, 1909. *Chemistry*
- Kemp, William Cullen Bryant New York City  
LL.B., 1896; A.B., 1900; LL.M., 1902; A.M., 1902; B.S., 1911. *Geology*
- Kempf, Anna Marie Rose New York City  
A.B., Hunter, 1918. *English, German*
- Kerr, Mary Broughton Baltimore, Md.  
A.B., Sweet Briar, 1913. *Journalism*
- Kessel, Max New York City  
B.S., C. C. N. Y., 1917. *Chemistry*
- Kesselovitz, Max New York City  
B.S., C. C. N. Y., 1917. *Chemistry*
- Ketchum, Roland Stuart White Plains, N. Y.  
A.B., 1910; A.M., 1911. *English*
- Key, Cora Beale Washington, D. C.  
A.B., Goucher, 1911. *Psychology, Neurology, Education*
- Keyes, Angela Mary New York City  
A.B., Adelphi, 1906; Litt.D., St. John's. *English*
- Kiehl, Samuel Jacob New York City  
A.B., Otterbein, 1910. *Chemistry, Metallurgy*

- Kilpatrick, Irene Baxley      Waynesboro, Ga.  
A.B., Wesleyan, 1917. *English, Indo-Iranian, History*
- Kilpatrick, Martin, Jr.      New York City  
A.M., 1917; A.B., C. C. N. Y., 1915. *Chemistry, Physics*
- Kimball, Lilian Emma      New York City  
A.B., Radcliffe, 1911. *French, Spanish*
- Kimura, Toyokichi      New York City  
*Economics*
- Kingsland, Gertrude Southwick      Wells, Minn.  
A.M., 1913; Ph.B., Hamline, 1888. *English*
- Klein, Leopold      New York City  
A.B., 1910. *French*
- Kneeland, Hildegard      New York City  
A.B., Vassar, 1911. *Sociology, Economics, Anthropology*
- Knox, John Paige      New York City  
A.B., 1918. *Public Law, Jurisprudence*
- Koenig, Hedwig      New York City  
A.B., 1918. *Chemistry*
- Koester, Ruth Alma      Topeka, Kan.  
A.B., Washburn, 1918. *Sociology, Social Economy*
- Kolk, Laura Alma      New York City  
A.B., Wellesley, 1913. *Bacteriology*
- Kondo, Frank Nob      Japan  
*Sociology, Psychology, Economics*
- Korn, Max Henry      Bogota, N. J.  
C.E., 1913. *Geology*
- Kranz, Gertrude E.      Amesbury, Mass.  
A.B., Wellesley, 1911. *Education, Sociology*
- Krasnow, Frances      New York City  
B.S. and A.M., 1917. *Chemistry, Bacteriology*
- Kreeger, Harry Leo      New York City  
A.B., N. Y. Univ., 1918. *Public Law, Jurisprudence, Government*
- Kreisel, Samuel      New York City  
B.S., C. C. N. Y., 1918. *Chemistry*
- Krepovskiy, Theodor V.      Moscow, Russia  
*Chemical Engineering, Physics, Metallurgy*
- Kreykenbohm, Dora      New York City  
B.S., 1917. *Philosophy, English, Sociology*
- Krutch, Joseph W.      Knoxville, Tenn.  
A.M., 1915. *English*
- Kysor, Dania      New York City  
A.B., N. Y. Univ., 1917; State Normal, 1905. *Economics*
- Lacey, Alexander      Toronto, Canada  
A.B., Toronto, 1917. *French, Spanish*
- La Fountain, Marion A.      Hackensack, N. J.  
A.B., 1917. *French*
- Lagos, Antonio      New York City  
A.B., Madrid, 1905. *Spanish, English*
- Lambert, Paula C.      New York City  
A.B., 1912. *Social Economy*
- La Mer, Victor Kuhn      New York City  
A.B., Kansas, 1915. *Chemistry*
- Landon, Mary Louise      Bordentown, N. J.  
A.M., 1914; A.B., Vassar, 1907. *Chemistry, Physics*
- Lane, Many      Macon, Ga.  
A.B., Wesleyan, 1917. *English*
- Langston, Loyd Helvetius      West Hoboken, N. J.  
A.B., Maryville, 1913. *Economics*
- Lantry, Francisca C.      New York City  
(n.m.) *French*
- Lawson, George Benedict      Pittsburgh, Pa.  
A.B., Colgate, 1888; A.B., 1891. *Philosophy, Education*
- Leard, Hazel Pearl      Portland, Me.  
A.B., Bates, 1911. *Philosophy, History, Education, Sociology*
- Leavenworth, Isabel (Mrs.)      New York City  
A.B., 1918. *Philosophy*
- Le Compte, Thomas Robert      Yonkers, N. Y.  
A.B., Western Maryland, 1907; M.S., Louisiana State, 1916. *Chemistry*
- Lee, Alice Sands      Hillsdale, N. J.  
A.B., Hunter, 1917. *French*
- Leeds, Edna Marjorie (Mrs.)      New York City  
A.B., Hunter, 1914. *Psychology, Education*
- Leerburger, Allan Bader      New York City  
B.S., 1918. *Chemistry, Physics, Mechanics*
- Lehnerts, Edward M.      New York City  
B.S., Pennsylvania, 1902; A.M., Minnesota, 1908. *Geology*
- Lehmann, Margaret Mills (Mrs.)      Des Moines, Iowa  
A.B., Smith, 1908. *Bacteriology*
- Lei, Ching Laoan      Canton, China  
B.S., Penn State, 1919. *Chemistry*
- Leo, Shoo Tze      Hupek, China  
A.M., 1918; B.S.E., Michigan, 1917. *Chemical Engineering*
- Léon, Rosa      New York City  
*English*
- Leonard, Sterling Andrus      Yonkers, N. Y.  
A.B., Michigan, 1908; A.M., 1909. *English*
- Leong, Ko Gyee      Rangoon, Burma, India  
B.S., Union, 1918. *Metallurgy*
- Leuchs, Fritz, A. H.      New York City  
A.B., 1907; A.M., 1908. *German*
- Lewis, Mary Daveta      Atkins, Ark.  
(n.m.) A.B., Galloway, 1915. *English*
- Lewis, Rebecca Renshaw      New York City  
A.B., Bryn Mawr, 1912. *French, Spanish*
- Lichtenstein, Morris      New York City  
A.B., Cincinnati, 1916. *Anthropology, Psychology, Philosophy*
- Lin, Homin L.      New York City  
A.M., 1917, B.S., Wesleyan, 1916. *Public Law, Economics, Education, Government, History*
- Lin, Tah-Yang      Shanghai, China  
A.B., Yale, 1918. *History, Sociology*

- Littell, Clair Francis      Deposit, N. Y.  
A.B., Syracuse, 1916. *Public Law, Jurisprudence, International Law*
- Little, Ernest      Princeton, N. J.  
A.M., 1918; B.S., Rochester, 1911; M.S., 1913. *Chemistry*
- Little, J. Clyde      Urbana, Ill.  
A.B., Earlham, 1917. *Jurisprudence, Economics, Public Law*
- Liu, Cheng-Lin      New York City  
B.S., Cornell, 1917. *Chemistry, Business*
- Liverant, Max      New York City  
A.B., C. C. N. Y., 1918. *French, Education, English*
- Loeb, Elizabeth Vera      New York City  
A.B., Hunter, 1915. *Neurology*
- Long, Eleanor Tatum      Ithaca, N. Y.  
A.B., Cornell, 1915. *Geology, Geography*
- Long, Elizabeth      Glen Ridge, N. J.  
A.B., Goucher, 1914. *English*
- Long, Mayme Dee      Paris, Ky.  
A.B., Northwestern, 1907. *English*
- Losee, Franklin Vernon      Newton, N. J.  
A.B., Hobart, 1918. *History*
- Lotka, Alfred James      New York City  
B.S., Birmingham, 1901; Sc.D., 1913; A.M., Cornell, 1909. *Mathematics*
- Lovering, Maud      Findlay, Ohio  
Ph.B., Oberlin, 1899. *Botany*
- Lowther, Florence de Loiselle (Mrs.)  
New York City  
A.B., 1912; A.M., 1915. *Zoology*
- Lu, Shi Yung      Yunnan, China  
B.S., 1918. *History, Education, Philosophy, Sociology*
- Lyder, Ernest Elmer      New York City  
B.S., Kansas, 1913; M.S., 1915. *Chemistry*
- Lyons, Luella Ruth      New York City  
A.M., 1917; A.B., Hunter, 1916. *Mathematics*
- McAuliffe, Mary Agnes      New York City  
A.B., Hunter, 1916. *Mathematics*
- McCarey, Mary Eugenia      Portville, N. Y.  
A.B., D'Youville, 1918. *English*
- McCraven, Bonner Nichols      New York City  
A.B., Univ. of South, 1910. *Philosophy*
- McCready, John Dudley      Winchester, Ky.  
A.B., 1918. *History*
- McDuffie, Penelope      Marion, S. C.  
B.S., Vanderbilt, 1904; A.M., South Carolina, 1909. *History, Sociology*
- McEntee, Georgiana Putnam      New York City  
A.B., Mt. St. Vincent, 1918. *History, Education*
- McEntegart, Bryan Joseph      New York City  
A.B., Manhattan, 1913; A.M., Catholic, 1918. *Social Economy*
- McIntosh, Margaret Anne      New York City  
A.B., Swarthmore, 1915. *English, Journalism, Education*
- McKee, Elva Lovinia      New York City  
A.B., Wellesley, 1913. *Chemistry*
- McKelvey, Ruth      New York City  
A.B., 1916. *Government*
- McLaughlin, Isabel Cecilia      New York City  
A.B., Hunter, 1915. *Mathematics*
- MacCracken, John Maitland      Albany, N. Y.  
B.S., N. Y. State Teachers, 1917. *English*
- Macdonald, Wilson      Westfield, N. Y.  
A.B., Amherst, 1915; S.T.B., Union Theo. Sem., 1918. *History*
- Mackay, Donald Sage      St. Albans, Vt.  
A.B., Williams, 1914; B.D., Union, 1914. *Philosophy*
- Malisoff, William      New York City  
B.S., 1915; Cy. E., 1918. *Chemical Engineering*
- Mallory, Virgil Sampson      North Bergen, N. J.  
A.B., 1914. *Mathematics*
- Malzberg, Benjamin      New York City  
A.M., 1918; B.S., C. C. N. Y., 1915. *Social Economy*
- Marcial, Carolina      Bryn Mawr, Pa.  
A.B., Instituto Cisneros, 1907. *Spanish*
- Margolies, Benjamin H.      New York City  
A.B., C. C. N. Y., 1918. *English*
- Mariano, John Horace      New York City  
A.B., 1916; A.M., 1917. *Economics*
- Marquis, Sarah      New York City  
A.B., Coe, 1918. *History, Russian and French*
- Martinez, Marula C.      New York City  
A.B., Hunter, 1916. *Spanish, Education*
- Mason, Charles Francis      Gouverneur, N. Y.  
B.S., Syracuse, 1914. *Chemical Engineering*
- Mathews, Ellen      Los Angeles, Cal.  
A.B., Stanford, 1902. *Psychology*
- Mathews, Frederic      White Plains, N. Y.  
A.B., Amherst, 1918. *Psychology, Education*
- Mathews, Julia      Los Angeles, Cal.  
A.M., 1918; A.B., Stanford, 1901. *Psychology*
- Matsumoto, Ichiro      Kobe, Japan  
B.L., Doshisha, 1917. *Economics*
- Matsuno, Kinai      Tokyo, Japan  
A.M., 1918. *Economics, Psychology*
- Mayer, Clara Woolie      New York City  
*Anthropology, Latin, Philosophy*
- Mayer, Theresa      New York City  
A.B., 1911; A.M., 1913. *Anthropology*
- Mendenhall, Edith Wilson      Toughkenamon, Pa.  
A.B., Swarthmore, 1918. *Sociology, History, Latin*
- Mercer, Flora Tarissa      Lima, Ohio  
A.B., Western, 1918. *Music, Education, Sociology, Psychology*
- Merrill, Elizabeth Hall      Birmingham, Ala.  
A.M., 1914; B.S., Alabama, 1907. *English*
- Merson, Frankie Griffin      Keuka Park, N. Y.  
A.B., Bates, 1907. *History, Sociology, Economics, Social Economy*



- Metzger, Dorothy New York City  
B.Litt., 1918. *English*
- Meyer, Carl L. W. New York City  
A.M., 1912; A.B., Michigan, 1910. *International Law*
- Meyer, Martin New York City  
B.S., C. C. N. Y., 1918. *Chemistry*
- Michener, Anna Marguerite Bendersville, Pa.  
A.B., Swarthmore, 1916. *Economics, Government, History, Public Law*
- Miller, Nina Mary R. New York City  
M.S., 1918; A.B., Wisconsin, 1915. *Economics*
- Milyko, Alexander New York City  
E.M., 1917. *Geology*
- Mineo, Yoshiharu Tokio, Japan  
A.B., Tokio, 1913; A.M., Kenyon, 1918. *English*
- Montgomery, Urdell Lincoln, Neb.  
A.B., Hastings, 1899. *Sociology*
- Moon, Evangeline Ada New York City  
A.M., 1910; A.B., Hunter, 1906. *Geography*
- Moonan, James P. New York City  
A.B., C. C. N. Y., 1917. *Sociology*
- Moore, Robert Jerome Palisade, N. J.  
M.A., 1918; B.S., Cooper Union, 1916. *Chemistry*
- Morenus, Eugenie Maria Cleveland, N. Y.  
A.B., Vassar, 1904; A.M., 1905. *Mathematics*
- Morgan, Chloe Siner New York City  
A.B., Indiana, 1912. *English*
- Morgan, William Edgar New York City  
A.B., Syracuse, 1915. *Physics, Chemistry*
- Morrell, Jac Cyrus New York City  
A.M., 1918. *Chemical Engineering*
- Morse, Katherine New York City  
B.S., 1916. *English*
- Moseley, Elizabeth Laurens, S. C.  
(n.m.) A.B., Winthrop Normal, 1918. *English*
- Moser, Charles Marshall Uniontown, Pa.  
A.B., Washington and Jefferson, 1918. *History*
- Mott, Frank Luther New York City  
Ph.B., Chicago, 1907. *English, Journalism*
- Mudge, William Alvin Honeoye Falls, N. Y.  
A.M., 1915; B.S., Union, 1914. *Chemistry, Metallurgy*
- Mulford, Edna Gertrude Elmira, N. Y.  
A.M., Elmira, 1907. *English*
- Murray, Henry Alexander, Jr. New York City  
M.D., 1919; A.B., Harvard, 1915. *Pathology*
- Naccarati, Sante New York City  
M.D., Naples, 1912. *Psychology, Philosophy, Education, Business*
- Nahon, Zarita New York City  
A.M., 1912. *French*
- Nakao, Yoshito Jinsuke Mukuno, Japan  
A.B., Washington, 1913. *Economics*
- Nammack, Elizabeth Frances New York City  
A.B., 1895; A.M., 1896. *Greek*
- Nasu, Shiroshi Tokyo, Japan  
(n.m.) *Sociology, Economics*
- Nayfack, Bertram S. New York City  
A.B., 1918. *Jurisprudence, Public Law*
- Neel, Leonora Belle Macon, Ga.  
A.B., Wesleyan, 1918. *French*
- Neer, Imogene Paterson, N. J.  
A.B., 1916; A.M., 1918. *English*
- Nelson, Charles William New York City  
A.B., Temple, 1916. *Sociology*
- Nishi, Kiiche Arakawa Naga, Japan  
*English*
- Nishimura, Makoto Matsumoto, Japan  
A.M., 1918. *Zoology, Botany*
- Noble, Gladwyn Kingsley, Yonkers, N. Y.  
A.B., Harvard, 1917; A.M., 1918. *Zoology*
- Noll, Anna New York City  
A.M., 1917; A.B., Hunter, 1916. *History*
- Norton, Winifred Quincy Newtonville, Mass.  
A.B., Mt. Holyoke, 1918. *English*
- O'Brien, Abigail Adaline Utica, N. Y.  
A.B., Cornell, 1902. *Botany*
- Odate, Gioju Oeso-Machi, Japan  
A.M., 1918; B.S., N. Y. Univ., 1917. *Economics, Philosophy*
- Odell, Louis S. New York City  
A.B., 1903. *Mathematics*
- Oppenheimer, Ida New York City  
A.B., Hunter, 1918. *Sociology*
- Orr, Frances Piqua, O.  
A.B., Western, 1914. *Physics, Chemistry*
- Oschrin, Elsie E. Jersey City, N. J.  
A.B., 1918. *Psychology, Education*
- O'Shea, Harriet Estabrooks Madison, Wis.  
A.B., Wisconsin, 1916; A.M., 1917. *Psychology, English History*
- Ostlund, Charles William Clyde, Kan.  
A.M., 1917; A.B., Washington, 1915. *Philosophy*
- Otis, Margaret New York City  
A.B., Cornell, 1893; Ph.D., 1906. *Psychology*
- Owaki, Masamichi Kioto, Japan  
B.L., Doshisha, 1916. *Economics*
- Pabst, Grace New York City  
A.B., Hunter, 1918. *Social Economy, Sociology*
- Packard, J. Roy Monmouth, Me.  
A.B., Bates, 1914. *History, Sociology*
- Paddock, Alice Jeannette Portland, Ore.  
A.B., Knox, 1913. *History, Sociology*
- Padé, Juliette Eleónore New York City  
*History, French, Spanish, Education*
- Padilla, Sabino Manila, P. I.  
LL.M., 1918; A.B., Ateneo de Manila, 1911; LL.B., Philippines, 1915. *Business*

- Page, Kirby New York City  
A.B., Drake, 1915. *Sociology, Social Economy*
- Paine, Florence Eva Hartford, Vt.  
A.B., Smith, 1909. *Mathematics, Education, Astronomy*
- Panayotopoulos, Evagheios N. New York City  
*Physics*
- Panayotopoulos, Panayotis N. New York City  
*Physics*
- Parker, Horton Rudolf Plasterco, Va.  
B.S., Wisconsin, 1915. *Chemical Engineering*
- Parks, George Bruner New York City  
A.M., 1914; A.B., Amherst, 1912. *English*
- Parsons, Alice Tullis Lord New York City  
A.M., 1915; B.L., Smith, 1897. *English*
- Patten, Stephen Jefferson New York City  
Ph.B., Brown, 1914; A.M., Wisconsin, 1918.  
*History, Government, Public Law*
- Patterson, Caleb Perry Memphis, Tenn.  
A.B., Vanderbilt, 1911; A.M., Harvard, 1916. *History, Public Law, Government, Economics*
- Pearson, Lucien Dean New York City  
A.B., Williams, 1914. *Comp. Literature*
- Pease, Halley Anna New York City  
A.B., Northwestern, 1910. *English*
- Peratt, Charles Oscar Ewing, Ky.  
A.B., Kentucky, 1904; Ph.B., Chicago, 1917.  
*History, Sociology*
- Petersen, Elsa Mabel Dundee, Ill.  
A.B., Beloit, 1913. *English, Philosophy*
- Phelan, Robert Early New York City  
(n.m.) E.M., 1910. *Geology*
- Phelon, Lucy May New York City  
A.B., Radcliffe, 1908. *Bio.-Chemistry*
- Phelps, Frances New York City  
A.B., Wellesley, 1917. *English*
- Piatt, Herman Sylvester New York City  
A.B., Illinois, 1892; Ph.D., Strassburg, 1897.  
*Botany*
- Pieters, Aleida Johanna Oshkosh, Wis.  
A.B., Michigan, 1908. *History, Public Law, Sociology, Education*
- Pines, Robert Abraham New York City  
A.B., 1918. *Jurisprudence, Public Law*
- Place, Olive Ewing Englewood, N. J.  
A.B., Wellesley, 1911. *Education, English*
- Plotken, Benjamin New York City  
A.B., C. C. N. Y., 1917. *Philosophy, Sociology*
- Plumb, Margaret Grant New York City  
A.B., Hunter, 1916. *Latin*
- Post, Emil Leon New York City  
B.S., C. C. N. Y., 1917. *Mathematics*
- Potter, Marion Elizabeth New York City  
A.B., Wellesley, 1904. *Spanish*
- Powell, Nancy Huff White Plains, Va.  
B.S., 1911; A.M., South Carolina, 1915. *Greek*
- Preece, Marion Battle Creek, Neb.  
A.B., Nebraska, 1914. *English, Fine Arts*
- Prentiss, Henrietta New York City  
A.B., Smith, 1902; M.S., Iowa, 1907. *English*
- Pyne, Herbert Rivington New York City  
A.B., Princeton, 1914. *Chemistry*
- Quisumbing, Francisco New York City  
M.S., Philippines, 1918. *Chemistry*
- Rabinowitz, Benjamin Alexander New York City  
A.M., 1917; A.B., N. Y. Univ., 1916.  
*Semitic, Arabic, Syriac*
- Raines, Morris Abel New York City  
B.S., 1915; A.M., 1917. *Botany*
- Randall, John Herman, Jr. New York City  
A.B., 1918. *Philosophy, French, Comp. Literature*
- Rashleigh, William John Aurora, Minn.  
B.S. and E.M., Michigan College, 1896.  
*Geology, Mineralogy*
- Raymond, Dora Neill San Antonio, Tex.  
A.B. and A.M., Texas, 1917. *Public Law, History*
- Raymond William Wolsey New York City  
(n.m.) B.S., McGill, 1912. *Geology*
- Reder, Frances New York City  
A.B., C. C. N. Y., 1919. *English*
- Regan, Catherine New York City  
A.B., Hunter, 1903. *Physiology*
- Reifler, Elisabeth Barbara New York City  
A.B., Hunter, 1917. *History*
- Rice, Marion New York City  
A.M., 1918; B.S., Mass. Inst. of Tech., 1914.  
*Geology*
- Rich, Enid Rosabelle New York City  
A.B., Ohio, 1916. *Economics, Sociology*
- Riddle, Ethel Marie St. Louis, Mo.  
A.B., Vassar, 1906. *Psychology, Education*
- Rivelson, Lena Teresa New York City  
A.B., Hunter, 1916. *Government, History, International Law*
- Rivlin, Solomon New York City  
A.B., C. C. N. Y., 1918. *Sociology, Philosophy*
- Roberts, Helen Heffron Chicago, Ill.  
A.B., 1918. *Spanish*
- Robertson, Harold E. Stamford, Conn.  
A.B., Southwestern, 1918. *Chemistry, Metallurgy*
- Robison, Sophia Moses New York City  
A.M., 1913; A.B., Wellesley, 1909. *Semitics*
- Rockey, Ordean Asbury Park, N. J.  
A.B., Pennsylvania, 1916. *English*
- Rodenbaeck, Louise New Holstein, Wis.  
A.B., Oberlin, 1907. *French, Spanish*
- Rogers, Isabel Close Wheeling, W. Va.  
A.B., Lake Erie, 1917. *Botany, Zoology*
- Rohr, Florence M. New York City  
A.M., 1918. *French*
- Rolf, Ida Pauline New York City  
B.S., 1916. *Biological Chemistry, Physiology*
- Rose, Goodman Alikum Philadelphia, Pa.  
A.B., Temple, 1918. *Sociology*

- Rosenberg, Marguerite New York City  
A.B., Hunter, 1918. *Education*
- Ruderman, Aaron New York City  
B.S., C. C. N. Y., 1919. *Chemical Engineering*
- Rumball, Clara Morris New York City  
A.B., Colorado Teachers, 1911. *French*
- Rupert, Lynn Hoover New York City  
A.B., Baker, 1916. *Sociology*
- Rusk, Hester Mary New York City  
A.B., 1912; A.M., 1917. *Botany*
- Ryan, Teresa Marie Fargo, N. D.  
A.B., Wisconsin, 1911. *English*
- Sachs, Albert Parsons New York City  
A.M., 1915. *Chemistry*
- Sakamoto, James Giko Los Angeles, Cal.  
(n.m.) B.S., Tung Wen, 1904; A.M., South  
California, 1913. *Economics*
- Salom, Ruth New York City  
A.B., 1916. *History, Sociology*
- Sands, Harold Collender New York City  
A.M., 1918; B.S., Cornell, 1912. *Botany,  
Medicine*
- Sanford, Alice Poinier Newark, N. J.  
A.B., Vassar, 1883. *History*
- Santee, Eloise Bentley New York City  
A.B., Smith, 1899. *English*
- Sato, Hiroshi Yamagataei, Japan  
A.M., 1918; A.B., Washington, 1917. *His-  
tory, Government, Public Law, Sociology, Social  
Economy*
- Sato, Masayoshi Sapporo, Japan  
*Chemistry*
- Saunders, Sarah Johnson New York City  
A.M., 1914; A.B., West Virginia, 1901.  
*Indo-Iranian, Hebrew*
- Saxton, Margaret Dunlap New York City  
A.M., 1906; Ph.B., Dickinson, 1900. *Spanish*
- Scardaceione, Alexander Anselin New York City  
B.S., 1916. *Zoology, Anthropology, Bac-  
teriology, History*
- Scharfstein, Rose New York City  
A.B., Galicia, 1913. *German*
- Scheneck, Henry New York City  
A.B., Harvard, 1902. *Economics*
- Schlauch, Margaret Hasbrouck Heights, N. J.  
A.B., 1918. *English*
- Schutz, Berthe Catherine Nyon, Switzerland  
B.S., 1917. *French*
- Seadler, Silas Frank New York City  
(n.m.) *Philosophy, History*
- Sealy, Donald Farrington New York City  
A.B., 1918. *English, German*
- See, Chong Su China  
B.S., 1915; A.M., 1916. *Economics*
- Seidel, Morton New York City  
B.S., C. C. N. Y., 1918. *Psychology*
- Sensho, Hata Tokyo, Japan  
*Chemistry*
- Serino, Yotaro Niigata, Japan  
*Philosophy, Psychology*
- Shabshelowitz, Theodore New York City  
A.B., C. C. N. Y., 1917. *Sociology*
- Shapiro, Nathaniel Samuel New York City  
A.B., 1918. *History, Public Law*
- Sharpless, Katharine Truman Haverford, Pa.  
A.B., Bryn Mawr, 1918. *Social Economy*
- Shaun, Preston Franklin New York City  
A.M., 1915; A.B., Franklin and Marshall,  
1909. *History*
- Shaviro, Nathan New York City  
Ph.B., Chicago, 1914. *Journalism*
- Shing, Chi-Ting New York City  
B.S., Illinois, 1918. *Mathematics*
- Shiomi, Kiyoshi Monobé, Japan  
LL.B., Doshisha. *Public Law, History,  
Sociology*
- Shohet, Henry Gabriel Portland, Me.  
A.B., Colby, 1916. *English, Journalism,  
Philosophy*
- Simboli, Cesidio Ruel New York City  
A.M., 1918; A.B., Colgate, 1913. *History*
- Simons, Harold Lester New York City  
A.M., 1918; A.B., C. C. N. Y., 1917. *Chem-  
istry, Physics*
- Sinclair, Gregg Manners Minneapolis, Minn.  
A.B., Minnesota, 1912. *Sociology, Eco-  
nomics*
- Sloane, Charles Byron Port Washington, N. Y.  
A.B., Harvard, 1916. *Chemistry*
- Slocum, Edward Mark Chicago, Ill.  
A.B., Tennessee, 1901. *Chemistry*
- Smiley, Edward Forbes Winchester, Mass.  
A.M., 1917; A.B., Harvard, 1917. *History*
- Smith, Anne May St. Johnsbury, E. Vt.  
A.B., Mt. Holyoke, 1901. *English*
- Smith, Dorothea Bradford St. Albans, Vt.  
*Anthropology, History*
- Smith, Elsie Louise Leavenworth, Kan.  
A.B., Kansas, 1912. *English*
- Smith, Florence Nightingale Atlanta, Ga.  
A.M., 1916; A.B., Agnes Scott, 1913. *Social  
Economy, Economics, Government, Sociology*
- Smith, Leon C. Charlotteville, N. Y.  
A.B., Hobart, 1918. *Sociology*
- Smith, Mary Lea New York City  
A.B., Hunter, 1918. *History, Government*
- Smith, Philip Lathrop Scranton, Pa.  
A.B., Yale, 1917. *Philosophy*
- Smith, Roy Stanley Madison, N. J.  
A.B., Ohio Wesleyan, 1917. *English*
- Smith, Vileair Courtlandt Elizabeth, N. J.  
*Geology*
- Snider, Adda Latta Hastings, Neb.  
A.B., Nebraska Wesleyan, 1911. *English,  
Education*
- Somerville, Randolph New York City  
A.B., 1914. *English*

- Sonobe, Hisomui                      Tokio, Japan  
(n.m.) *Business*
- Soule, Floy De Vore Perfect       Dallas, Tex.  
A.B., Texas, 1907; A.M., Southern Methodist, 1918. *French, Spanish*
- Soules, David Chestle               Southampton, Canada  
A.B., Toronto, 1915. *History*
- Southworth, Emma Reid           Hingham, Mass.  
A.B., Mt. Holyoke, 1912. *Chemistry*
- Spahr, Margaret                      Princeton, N. J.  
A.B., Smith, 1914. *Government, History, International Law*
- Sparks, Thomas Ayres               New York City  
A.B., 1912; A.M., 1913; B.D., Union Theo. Sem., 1917. *History, Jurisprudence*
- Spero, Sterling Denhard           New York City  
A.B., 1918. *History, Sociology*
- Spier, Leslie                          New York City  
B.S., C. C. N. Y., 1915. *Anthropology*
- Sprague, Martha Amanda           New York City  
A.B., Vassar, 1918. *French, Phonetics, Education*
- Spring, Gerald Max                  New York City  
A.M., 1917; A.B., Vermont. *French*
- Staples, Jane Gilbert               Mt. Vernon, N. Y.  
A.B., 1917. *Psychology, Education, Anthropology, Business*
- Stappert, Maria Alexandra         New York City  
A.B., St. Ursula, 1914. *Economics, History*
- Steele, Edith Clare                  Princeton, Ill.  
A.B., Minnesota, 1902. *History, Sociology, Philosophy*
- Steenek, Adelheit Meta             New York City  
A.B., Hunter, 1916. *Mathematics*
- Steinbar, Minnie Theresa           East Grand Forks, Minn.  
A.B., North Dakota, 1916. *English, Philosophy*
- Steinberg, Robert Aaron           Washington, D. C.  
A.M., 1918; B.S., George Washington, 1914. *Botany*
- Stenhouse, Mae                      Newport, R. I.  
A.B., Brown, 1904. *Phonetics, French, Education*
- Stern, Edna W.                       New York City  
A.B., Radcliffe, 1913. *Sociology*
- Stevens, Mary Sydney               Scarsdale, N. Y.  
A.M., 1914; A.B., Adelphia, 1909. *Greek, Education*
- Stickland, Georgina Ida             New York City  
A.B., 1917. *Psychology, Education, Anthropology*
- Stock, Hyman                         New York City  
A.B., N. Y. Univ., 1918. *Philosophy*
- Stockdale, Jean Francis             Swarthmore, Pa.  
A.B., Sweet Briar, 1916. *Mathematics, Physics*
- Strauss, Frank Abraham             Wilkes-Barre, Pa.  
A.M., 1915; A.B., Connell, 1913. *Chemical Engineering*
- Strong, Leonell Clarence             Warren, Pa.  
B.S., Allegheny, 1917. *Zoology*
- Studensky, Paul                      New York City  
*Government, History, Economics, Public Law*
- Studness, Leo Charles               Church's Ferry, N. D.  
A.B., Minnesota, 1918. *Economics, Philosophy*
- Su, Sing Ging                         Amoy, China  
A.M., 1918; A.B., Ohio Wesleyan, 1917. *Economics. Social Economy, Sociology, Psychology*
- Suffren, Martha Wentworth         New York City  
B.S., Simmons, 1908. *Psychology*
- Sullivan, Catherine                  Anderson, S. C.  
A.B., Anderson, 1916. *English*
- Sumner, Theodora Duval             New Orleans, La.  
A.B., Sophie Newcomb, 1914; A.M., Tulane, 1918. *English*
- Sun, Tienson                          Swatow, China  
(n.m.) A.B., Soochow, 1918. *Public Law, History, Economics, Government*
- Sundstrom, Ingeborg                 Lindsborg, Kan.  
A.B., Bethany, 1913; A.M., Kansas, 1914. *History, Sociology*
- Swan, Thomas Hadden               Oxford, Miss.  
B.S., Mississippi, 1918. *Chemistry*
- Sylvania, Lena E. V.                  New Bedford, Mass.  
A.M., 1914; A.B., Smith, 1912. *French, Spanish*
- Tai, En Chang                         Hong Kong, China  
A.M., 1918; A.B., St. John's (China) 1917. *Economics*
- Tai, Fang-lan                          Shasi, China  
B.S., Cornell, 1918. *Botany*
- Takegawa, Johane Toranosuke       Matsuyama, Japan  
A.B., Washington, 1917. *Economics*
- Takei, Daisuke                         New York City  
A.B., Tokyo Coll. of Commerce, 1910. *Economics*
- Taketomo, Torao                      New York City  
*English*
- Tang, Ching Ye                        Shanghai, China  
A.B., Beloit, 1918. *Government, Economics, Public Law, Jurisprudence*
- Taylor, Edith Belcher                Asbury Park, N. J.  
A.B., Swarthmore, 1909
- Taylor, Theodore Clinton           Mt. Vernon, N. Y.  
Chem.E., 1915; A.M., 1918. *Chemistry*
- Tendler, Alexander D.               New York City  
A.M., 1918; B.S., N. Y. Univ., 1916. *Psychology, Education*
- Thompson, Alice Ranney             New York City  
A.M., 1911; B.S., California, 1905. *Chemistry, Physics*
- Thompson, Gena Sophia             Mt. Horeb, Wis.  
Ph.B., Chicago, 1913. *English*
- Thompson, William Gordon         New York City  
B.D., General Theo. Sem., 1898. *Philosophy, Education*
- Thornton, Agnes                      New Bedford, Mass.  
A.B., Beloit, 1913. *Social Economy*
- Thrall, Miriam Mulford              New Haven, Conn.  
A.M., 1913; A.B., Wellesley, 1905. *English*



- Tokuyama, Sotaro Shidzuoka, Japan  
B.S., Michigan, 1916. *Chemistry*
- Tolon, Ruben T. Havana, Cuba  
B.S., Instituto Havana, 1911. *Mathematics*
- Tomey, Arthur Maurice New York City  
A.B., Pennsylvania, 1916. *History*
- Tominas, Shutaro X. Karatsu, Japan  
A.M., 1918. *Public Law*
- Tormel, Carlos A. Mexico City, Mexico  
A.B., Escuela, 1915. *Public Law, Jurisprudence*
- Tostlebe, Alvin Samuel Cedar Falls, Iowa  
A.B., Iowa State, 1916. *Economics*
- Totten, Edith New York City  
A.B., Bryn Mawr, 1902. *Education, Neurology*
- Townsend, Arthur Morgan Westfield, N. J.  
A.B., Syracuse, 1903. *Latin*
- Tsai, Chinpin Tsen Washington, D. C.  
A.B., 1918. *Economics, Government*
- Tsolainos, Kyriakos P. Westmount, Canada  
A.B., McGill, 1918. *Economics, History*
- Tsow, Ming Swatow, China  
A.M., 1918; A.B., Oberlin, 1916. *Public Law*
- Tsukada, Shinji New York City  
B.S., N.Y. Univ., 1911. *Economics, Sociology*
- Turner, Alva New York City  
*Physics*
- Turner, Sara Clarke New York City  
A.B., Goucher, 1909. *English*
- Twiss, William Bertram New Brunswick, N. J.  
A.B., Dartmouth, 1906; A.M., Harvard, 1907. *English*
- Ulrey, Sharon S. North Manchester, Ind.  
A.B., Indiana, 1912. *History, Public Law, Sociology*
- Unnewehr, Emory Carl Berea, Ohio  
B.S., Purdue, 1909. *Physics*
- Vail, Valrosa Vivian Marshalltown, Ia.  
A.B., Wellesley, 1913. *Botany*
- Van Doren, Mark Albert Urbana, Ill.  
A.B., Illinois, 1914; A.M., 1915. *English*
- Van Dorn, Harold Archer Waverly, Iowa  
A.B., Grinnell, 1918. *Government*
- Van Wagner, Edith Harriet Grantwood, N. J.  
A.B., 1917. *Education*
- Vassardakis, Euthalie C. Yonkers, N. Y.  
A.B., Zappion, 1914. *History, French, Russian*
- Vexler, Felicin New York City  
A.M., 1909; A.B., Bucharest, 1906. *French, English, Comp. Philology*
- Viault, Elsie Rosine Lake Mahopac, N. Y.  
A.B., Hunter, 1914. *Anthropology*
- Viola, Humbert Emanuel Cliffside Park, N. J.  
(n.m.) *Botany*
- Virden, Fannie Harris Jackson, Miss.  
A.B., Millsaps, 1918. *Latin, English*
- Voegeli, Martha Berne, Switzerland  
*Philosophy*
- Voorhies, Arlene Brooks Northport, N. Y.  
A.B., Adelphi, 1918. *Government, History*
- Vosburgh, Warren Chase Voorheesville, N. Y.  
B.S., Union, 1914; M.S., 1916. *Chemistry, Physics*
- Wade, Ira Owen Richmond, Va.  
A.B., Johns Hopkins, 1916. *French, Spanish*
- Wadepuhl, Walter New York City  
A.B., C. C. N. Y., 1918. *German, French*
- Wahl, Edward George Callicoon, N. Y.  
A.B., Syracuse, 1918. *History, Sociology*
- Wang, Kuochun Penn Shanghai, China  
Litt.B., Princeton, 1918. *Anthropology, Education, History*
- Wang, Shan Chi Kinkieng, China  
A.B., Nanking, 1907. *Philosophy*
- Wangshia, Chinfu Peking, China  
A.M., Waseda, 1910. *Public Law*
- Ward, Paul William Franklin, Ind.  
A.M., 1916; A.B., Butler, 1914. *Philosophy*
- Washburn, Martha Lucile Sturgeon Bay, Wis.  
A.B., Wisconsin, 1907. *Chemistry, Physics*
- Waszko, Jan de Sienno Warsaw, Poland  
(n.m.) *Chemical Engineering*
- Watson, Mary Abell New York City  
A.B., Vassar, 1918. *Social Economy*
- Watson, Mary Elizabeth Eugene, Ore.  
A.B., Oregon, 1909; A.M., 1911. *Philosophy, English*
- Wayman, Marguerite New York City  
A.M., 1918; A.B., Hunter, 1914. *Bacteriology, Chemistry*
- Webster, Laura Josephine Orangeburg, S. C.  
A.B., Smith, 1905; A.M., 1911. *Psychology, English*
- Wechsler, Eva Cold Spring Harbor, N. Y.  
(n.m.) *Zoology, History*
- Weil, Charles Alphonse New York City  
B.S., Pennsylvania, 1918. *Economics*
- Weil, Mabel New York City  
A.B., 1916; A.M., 1917. *Physics, Mathematics*
- Weinzweig, Max New York City  
A.B., 1919. *History, Education*
- Weld, William Ernest Marianna, Ark.  
(n.m.) A.B., Wooster, 1903; A.M., Princeton, 1909. *Economics*
- Welleck, Mary Noble New York City  
A.B., 1918. *Geology, Mineralogy, Anthropology*
- Wells, Bettina Borman New York City  
A.M., 1914; B.S., 1916. *Economics*
- Wells, Mary New York City  
A.M., 1918; A.B., Vassar, 1916. *Latin, Greek*

- Wells, William Chester, Jr. Bound Brook, N. J.  
Litt. B., Rutgers, 1916. *Spanish*
- West, Eva McKinley Hannibal, Mo.  
A. B., Wellesley, 1908. *English, History, Philosophy*
- Whitaker, Luella Nolic Collette  
New York City  
B.S., 1917; A.M., 1918. *English*
- White, Edwin Elverton Chicago, Ill.  
A. B., Park, 1914. *History, Sociology, Education*
- White, William James Blairsville, Pa.  
A. B., Kenyon, 1917. *History, Sociology, English*
- Whiteside, S. Eugene Greencastle, Ind.  
A. B., Northwestern, 1913. *Economics*
- Wickwire, Ethel W. Angola, Ind.  
A. M., 1914; A. B., Tri State, 1909. *Bacteriology, Physiology, Neurology*
- Widenmann, Hans Adolf Hoboken, N. J.  
Litt. B., Princeton, 1918. *Economics, Statistics*
- Wikander, Elin New York City  
A. M., 1916; A. B., Hunter, 1904; B.S., N. Y. Univ., 1907. *Philosophy*
- Wildes, Adele Madeleine Edgewood, R. I.  
A. B., Brown, 1916; A. M., 1917. *Greek, Latin*
- Wilkin, Mabel Giddings Oklahoma City, Okla.  
A. B., Hollins, 1918. *Philosophy*
- Williams, Nina Jane Bloomington, Ind.  
A. B., Indiana, 1910. *English, Education*
- Wilson, Martin Luther New York City  
A. B. Cornell, 1907. *History*
- Winer, Fannie Chattanooga, Tenn.  
B.L., Chattanooga, 1918. *English*
- Winkin, Cora Senner Englewood, N. J.  
A. B., 1916. *Physiology, Neurology, Zoology*
- Winston, Donald Minneapolis, Minn.  
A. B., Williams, 1915. *Philosophy*
- Wise, Margaret Cecil Elizabeth, N. J.  
B.S., 1919. *English*
- Wong, Yuen Su Canton, China  
A. M., 1918; A. B., George Washington, 1917.
- Wong, Zeng Tse Shanghai, China  
B.S., Nanyang, 1918; M.S., Mass. Inst. of Tech., 1918. *Mathematics*
- Woo, Chenlott C. Pucheng, China  
Ch.E., Lehigh, 1918. *Chemical Engineering, Chemistry, Physics*
- Wood, George Rodgers St. Clair, Pa.  
Ph.B., Lafayette, 1912. *Philosophy*
- Wood, G. Zay Shanghai, China  
A. B., Yale, 1917; A. M., Harvard, 1918. *International Law, History, Public Law*
- Wood, Mary Morton New York City  
Ph.D., 1917; A. B., Chicago, 1905; A. M., Radcliffe, 1906. *Greek, Spanish*
- Wood, Orville Wallace Dallas, Tex.  
A. B., Texas, 1916. *History, Government*
- Woodruff, Marguerite Elizabeth  
Foxboro, Mass.  
A. B., Smith, 1913. *Sociology*
- Woods, Ella Boise, Idaho  
B.S., Idaho, 1911. *Chemistry*
- Woodsworth, Harold Frederick  
Kingston, Canada  
A. B., Toronto, 1907. *Education, English*
- Woolworth, William Sage, Jr. Redding, Conn.  
A. B., N. Y. Univ., 1916; S.T.B., Union Theo. Sem., 1918. *Arabic, Phonetics*
- Wright, Alexander Holland New York City  
A. B., Washington and Jefferson, 1898. *Chemistry, Physics*
- Wright, Constance Choate New York City  
A. B., Vassar, 1918. *English*
- Wunderlich, Elsa Pauline New York City  
A. B., 1912; A. M., 1913. *Education, Psychology, Neurology*
- Wunderlich, Vera May Antigo, Wis.  
A. B., Milwaukee-Downer, 1918
- Yarmolinsky, Abraham New York City  
A. B., C. C. N. Y., 1916. *Slavonic, Anthropology, Polish, Russian, Indo-Iranian*
- Yau, Shih Yee Swatow, China  
B.S., N. Y. Univ., 1918. *Economics*
- Young, Giang Ching Foochow, China  
A. B., Ohio Wesleyan, 1918. *Economics*
- Young, James Donald New York City  
A. B., 1919. *Classical Archaeology*
- Young, John Parke Los Angeles, Cal.  
A. B., Occidental, 1917. *Economics, History, Sociology*
- Young, Lily Waikie New York City  
B.S., N. Y. Univ., 1918. *Economics*
- Yuan, Philip L. Peking, China  
A. B., 1918. *Geology*
- Zilker, Juanita Pearl San Antonio, Tex.  
A. B., Texas, 1918. *English*
- Zimand, Elizabeth Sara New York City  
A. B., Ohio, 1913. *French*
- Zimmerman, Arthur Franklin Alton, Ill.  
A. B., McKendree, 1917. *Sociology, Education*
- Zimmerman, Joseph New York City  
A. M., 1916; A. B., C. C. N. Y., 1915. *Psychology*
- Zimmerman, Oscar New York City  
B.S., 1918. *Psychology*

#### UNCLASSIFIED STUDENTS IN THE GRADUATE SCHOOLS

- Aaronsohn, Rifka New York City  
Ahrenholz, Florence L. New York City  
Akamatsu, Paul Shingu-cho, Japan  
Arya, S. P. Yatiraj Surendranath  
Madras, India

|                                                                     |                        |                                                    |                      |
|---------------------------------------------------------------------|------------------------|----------------------------------------------------|----------------------|
| Barry, Mark Benedict                                                | Philadelphia, Pa.      | Kobayashi, Magoichi                                | Yokohama, Japan      |
| Basmadjian, Khoren Harontime                                        |                        | Kullmann, Karl Wilhelm                             | New York City        |
|                                                                     | New York City          | Kuzuhara, Ihei                                     | Tokio-Fu, Japan      |
| Berditchevsky, Arcadi                                               | Moscow, Russia         | Lafferranda, Robert Louis                          | New York City        |
| Bloede, Ilse                                                        | New York City          | Laird, Clinton Nevins                              | Philadelphia, Pa.    |
| Bumpei, Kure                                                        | Tokio, Japan           | Lange, Knud                                        | New Brunswick, N. J. |
| Burlingame, Agnes,                                                  | Manate, P. R.          | Laurent, Antoinette Marie                          | New York City        |
| Busch, Ella Adeline                                                 | Washington, Mo.        | Lief, Alfred                                       | New York City        |
| Buyers, Paul Eugene                                                 | Whitesburg, Ga.        | Lumpkin, Katharine Du Pre                          | Columbia, S. C.      |
| Byerley, Mary Anna                                                  | South Bend, Ind.       | McCaskill, Eloise                                  | Columbus, Miss.      |
| Campbell, Mary Rogers                                               | Telford, Tenn.         | McCready, John Dudley                              | Winchester, Ky.      |
| Chamberlin, Egbert Charles                                          | New York City          | McDonald, Lois Josephine                           | Winnsboro, S. C.     |
| Charlton, Harry Hayward                                             |                        | Maki, Yuko                                         | Tokyo, Japan         |
|                                                                     | North Bellerica, Mass. | Mantz, Mable Davidson                              | New York City        |
| Cheng, John Hsing                                                   | Shanghai, China        | Maruya, Kiichi                                     | Kobe, Japan          |
| Chihara, Katsue                                                     | Panba, Japan           | Matsui, Kenkichi                                   | Kyoto, Japan         |
| Cochran, Vota Olea W.                                               | New York City          | Minobe, Tadasu                                     | Akashi, Japan        |
| Coleman, Mary Bushnell                                              | Louisville, Ky.        | Mohr, Otto Lons                                    | Christiania, Norway  |
| Couch, Olive Gilbert                                                | New York City          | Mueller, John Howard                               | New York City        |
| Craigin, Emma Hawthorn                                              | Nattiesburg, Miss.     | Muller, Martha                                     | New York City        |
| Crane, Louise Blass                                                 | New York City          | Muller, Max                                        | New York City        |
| Crane, Robert Etsle                                                 | New York City          | Mursell, James Lockhart                            | New York City        |
| Crowe, Helen Louise O'Loughlin                                      |                        | Nagel, Herman Karl                                 | Cedar Rapids, Ia.    |
|                                                                     | New York City          | Nakamigawa, Yugoro                                 | Tokyo, Japan         |
| Crozier, Alfred Owen                                                | New York City          | Omeltchenko, Eugene Ivan                           | Russia               |
| Daing, Lamberto                                                     | Paterson, N. J.        | Osumi, Toshio                                      | New York City        |
| Darling, Sarah Van Benschoten                                       |                        | Parsons, Llewellyn                                 | New York City        |
|                                                                     | New York City          | Pasvolsky, Flora                                   | Bergenfield, N. Y.   |
| A.B., Smith, 1912. <i>History</i>                                   |                        | Proctor, William                                   | New York City        |
| Davidson, Isaac Newton                                              | Childress, Tex.        | Raub, Margaret Estelle                             | New York City        |
| Day, Isabelle Marsh                                                 | New York City          | Richter, Rose                                      | New York City        |
| Demura, Ko                                                          | Sendai, Japan          | St. Denis, Brother                                 | New York City        |
| Dougherty, Margaret Ruth                                            | Beaver, Pa.            | Schaeffer, Henry                                   | Philadelphia, Pa.    |
| Durant, William James                                               | New York City          | Shannon, Maria Louise                              | Walla Walla, Wash.   |
| Ph.D., 1917; A.B., St. Peter's, 1907; A.M., 1908. <i>Philosophy</i> |                        | Shaw, Plato Ernest Oliver                          | New York City        |
| Esecover, Benjamin                                                  | New York City          | Shuford, Mary Frances                              | Asheville, N. C.     |
| Field, Herbert Higinbotham                                          | New York City          | B.S., Shorter, 1917. <i>Bacteriology, Medicine</i> |                      |
| Friedman, Leon William Louis                                        | Newark, N. J.          | Snell, Ada Jack Carver                             | Natchitoches, La.    |
| Fugenji, Teizo                                                      | Tokyo, Japan           | Stewart, Harris Johnston                           | New Wilmington, Pa.  |
| Fujitani, Mitsunosuke                                               | Kobe, Japan            | Sugiyama, Miki                                     | Osaka, Japan         |
| Geist, Raymond Hermann                                              | Oberlin, Ohio          | Sugiyama, Rinichiro                                | Shidzuoka, Japan     |
| Gillespie, Ellen Clare                                              | Dallas, Tex.           | Suzuki, Seiji                                      | Shiguoka, Japan      |
| Goldman, Babette                                                    | New York City          | Suzuki, Toshikazu                                  | Tokyo, Japan         |
| Goldman, Henry                                                      | New York City          | Takagaki, Torajiro                                 | Tokyo, Japan         |
| Goriachkovsky, Xenie                                                | New York City          | Takase, Sotaro                                     | New York City        |
| Hamanaka, Koshin                                                    | Tokio, Japan           | Takashima, Saichiro                                | Tokyo, Japan         |
| Harada, Taichi                                                      | Aukushima, Japan       | Tanaka, Tomizo                                     | Japan                |
| Harris, Gertrude                                                    | Ahmednagar, India      | Teck, Joseph                                       | New York City        |
| Hoehn, Louise Hedwig                                                | Passaic, N. J.         | Thomas, Harvey Earl                                | Grant, Va.           |
| Holmes, Lucile                                                      | Hernando, Miss.        | Tsang, Han Yih                                     | Ichang, China        |
| Huang, Shou-Hing                                                    | Youngchow, China       | Vrooman, Frank Buffington                          | New York City        |
| Huang, Yu-Shu                                                       | Nanchang, China        | Waddell, Elizabeth Fleming                         | Columbus, Ga.        |
| Ichiriki, Jiro                                                      | Sendai, Japan          | Waldhorst, Anita Caroline                          | Birmingham, Ala.     |
| Iijima, Ikuzo                                                       | Ibaraki, Japan         | Wiesner, Dorothy Emma                              | Mamaroneck, N. Y.    |
| Jeschke, Nellie Jewett                                              | New York City          | Wilson, Alfred S. R.                               | Santa Barbara, Cal.  |
| Kasai, Katsuya                                                      | Tokyo, Japan           | Yamada, Sadao                                      | Iyo, Japan           |
| Kikuchi, Bungo                                                      | Osaka, Japan           | Yamamoto, Paul Sanjiro                             | Higashi, Japan       |
| Kishi, Tsunekitsu                                                   | Tokyo, Japan           | Yang, Pau-Waung                                    | Shanghai, China      |

# REGISTER OF STUDENTS

## TEACHERS COLLEGE

Candidates for the Master of Arts degree, Master of Science degree, Doctor of Philosophy degree, Teachers College professional diplomas or unclassified graduate students.

The following students are registered under the Faculties of Education or Practical Arts. The special departments of major interest, except general Education, are given in *italics*. Minor courses not in Education are also given in *italics*.

Officers in the University who are at the same time pursuing courses for the higher degrees are not included in this list. Wherever the name of a State is given after a degree, it signifies that the student has graduated from the given State University.

### GRADUATE STUDENTS—1918-1919

|                                                                    |                    |                                                                     |                      |
|--------------------------------------------------------------------|--------------------|---------------------------------------------------------------------|----------------------|
| Abell, Katherine Fullagar                                          | Dunkirk, N. Y.     | Bangs, Mollie Louise                                                | Lansing, Mich.       |
| B.S., 1918                                                         |                    | A.B., Michigan, 1908. <i>Religious Education</i>                    |                      |
| Albrecht, L. Dorothy                                               | Los Angeles, Cal.  | Barber, Catharine                                                   | East Cleveland, Ohio |
| A.M., 1918; A.B., Stanford, 1916. <i>Educational Psychology</i>    |                    | A.B., Western Reserve, 1917. <i>Religious Education</i>             |                      |
| Alexander, Edith Eaton                                             | Logansport, Ind.   | Barnes, Bertie Ford                                                 | Lynchburg, Va.       |
| A.B., Indiana, 1906. <i>Mathematics</i>                            |                    | B.S., 1918                                                          |                      |
| Allen, Bernice                                                     | Chicago, Ill.      | Barnes, Percival Simpson                                            | Mt. Vernon, N. Y.    |
| B.S., Chicago, 1909. <i>Household Arts</i>                         |                    | A.M., 1918; B.S., 1917                                              |                      |
| Allen, Lula Myra                                                   | Plattsburg, N. Y.  | Barnewall, Eva Aylmer                                               | New York City        |
| A.B., Smith, 1916                                                  |                    | A.B., Hunter, 1914                                                  |                      |
| Anderson, Grace M.                                                 | Brooklyn, N. Y.    | Barnewall, Marie Aylmer                                             | New York City        |
| B.S., 1916                                                         |                    | A.B., Hunter, 1912. <i>English</i>                                  |                      |
| Anger, Gertrude                                                    | New York City      | Barrus, Lena Wakefield                                              | Lithia, Mass.        |
| A.B., Hunter, 1918                                                 |                    | B.S., 1915. <i>Household Arts</i>                                   |                      |
| Apgar, Nellie Jacobus                                              | Westfield, N. J.   | Bartholmeu, Albert John                                             | Summit, N. J.        |
| B.S., 1913                                                         |                    | A.B., Colgate, 1916                                                 |                      |
| Ashraf, Ghodsea Marion                                             | Teheran, Persia    | Barto, Harriet Thompson                                             | Urbana, Ill.         |
| A.M., 1918; B.L., Boston, 1917                                     |                    | A.M., 1917; A.B., Illinois, 1916. <i>Chemistry</i>                  |                      |
| Atterbury, Marguerite                                              | New York City      | Baruch, Bernard                                                     | Brooklyn, N. Y.      |
| A.B., Wellesley, 1918. <i>English</i>                              |                    | B.S., C. C. N. Y., 1913. <i>Science</i>                             |                      |
| Atwood, Evelyn Estelle                                             | Springfield, Mass. | Bash, Mary Iola                                                     | Seattle, Wash.       |
| B.S., 1918                                                         |                    | A.B., Washington, 1914                                              |                      |
| Atwood, Ina Clayton                                                | Brooklyn, N. Y.    | Basmadjian, Yervant Hetoom                                          | New York City        |
| A.M., Radcliffe, 1911; A.B., Mt. Holyoke, 1904                     |                    | A.M., Chicago, 1918; B.S., Princeton, 1916                          |                      |
| Aucamp, Anna Jacoba                                                |                    | Bass, Agnes Naumburg (Mrs.)                                         | New York City        |
| Graspau, Kimberley, So. Africa                                     |                    | A.B., Vassar, 1909                                                  |                      |
| A.B., Cape Town, South Africa, 1915. <i>Educational Philosophy</i> |                    | Becker, Charlotte W.                                                | New York City        |
| Avery, Edna Irene                                                  | Tacoma, Wash.      | A.B., Hunter, 1916                                                  |                      |
| B.S., 1913; A.M., 1914                                             |                    | Becker, Margaret C.                                                 | Leonia, N. J.        |
| Babcock, George Warren                                             | Hackensack, N. J.  | B.S., 1916. <i>Household Arts</i>                                   |                      |
| A.B., Brown, 1909                                                  |                    | Beckers, Caroline Anna                                              | Hoboken, N. J.       |
| Bachrach, Flora                                                    | New York City      | B.S., 1917                                                          |                      |
| A.B., Hunter, 1916. <i>Psychology</i>                              |                    | Beem, Lena Margaret                                                 | Richwood, Ohio       |
| Baker, Margaret M.                                                 | Nevada, Iowa       | Ph.B., Adrian, 1909. <i>History</i>                                 |                      |
| B.S., Iowa, 1910. <i>Household Administration</i>                  |                    | Belting, Paul Everett                                               | New York City        |
|                                                                    |                    | A.M., 1918; A.B., Illinois, 1912. <i>Educational Administration</i> |                      |



- Beckett, Betty Belle Macksville, Kan.  
A.B., Kansas, 1914. *Household Administration*
- Benedict, Marion Josephine North Tarrytown, N. Y.  
A.B., 1919. *English*
- Bennett, Mabel Lilian Plainfield, N. J.  
A.M., Cornell, 1910
- Bennett, Thomas Gordon St. Leonard, Md.  
A.B., Western Maryland, 1909. *Educational Administration*
- Benson, Doris Evelyn Lynbrook, N. Y.  
A.B., Elmira, 1915
- Bere, May Winnipeg, Manitoba, Canada  
A.B., Manitoba 1915; A.M., Chicago, 1917
- Bergman, Morris L. New York City  
B.S., C. C. N. Y., 1909. *Mathematics*
- Bersohn, Robert Brooklyn, N. Y.  
A.M., 1914; B.S., C. C. N. Y., 1911
- Best, Sarah Fargo, N. D.  
B.S., 1914; A.B., Minnesota, 1905. *Household Administration*
- Bickelhaupt, Helen Harrison (Mrs.) LaCrosse, Wis.  
A.B., Wisconsin, 1914. *Physical Education*
- Bielby, Katharine S. Middletown, Conn.  
A.B., Wesleyan, 1911
- Billig, Florence Grace New York City  
B.S., Chicago, 1915. *Biology*
- Berch, Blanche Louise New York City  
A.M., 1918; A.B., Wellesley, 1902
- Birdsong, Nellie Warren Indianapolis, Ind.  
B.S., 1911
- Bjelke, John Leander Yonkers, N. Y.  
Ph.B., Denison, 1916. *Secondary Education*
- Blackford, Katharine Newark, N. J.  
Ph.B., Rochester, 1908
- Blackwood, Ethel New York City  
A.B., Hunter, 1918
- Blauvelt, Anna L. New York City  
A.M., 1917; B.S., 1915. *Industrial Arts*
- Bliven, Rose Emery New York City  
A.B., California, 1914. *Kindergarten*
- Blumenthal, Frances New York City  
A.M., 1916; B.S., 1915. *Educational Psychology*
- Bohrer, Rosalia Stillwater, Minn.  
B.L., Wisconsin, 1896
- Bonnard, Annette Young Passaic, N. J.  
A.B., N. Y. U., 1913; A.M., N. Y. U., 1915
- Boothby, Arthur Z. Mamaroneck, N. Y.  
B.S., 1916. *Elementary Education*
- Borton, William Franklin White Plains, N. Y.  
B.S., Illinois, 1902
- Bosworth, Katherine H. T. New York City  
A.B., Hunter, 1907
- Bosworth, M. Blanche New York City  
B.S., 1915. *Kindergarten Supervision*
- Bowen, Kenneth Blount Belhaven, N. C.  
A.M., Transylvania, 1918; B.D., 1917. *Religious Education*
- Bowers, Wilson Randolph East Radford, Va.  
A.B., Milligan, 1915; A.M., Virginia, 1907; B.S., Milligan, 1900. *Mathematics*
- Bradley, Harold H. Montclair, N. J.  
B.S., Princeton, 1904. *Mathematics*
- Brandstadter, Simon New York City  
B.S., C. C. N. Y., 1914. *Physics*
- Brady, John Wesley North Battleford, Saskatchewan, Canada  
A.M., 1917; A.B., Queens, 1913; B.D., Union Theological, 1917; B.D., Toronto, 1916. *Sociology*
- Bressler, Calder Blaine Minneapolis, Minn.  
A.B., Minnesota, 1916
- Brim, Orville Gilbert Latchie, Ohio  
A.M., 1911; B.S., Valparaiso, 1907
- Bristol, Raymond M. Riverside, Conn.  
A.B., Amherst, 1911. *Elementary Education*
- Bristol, Ruth Louise New York City  
B.S., 1917
- Brockett, Elisabeth Gault East Orange, N. J.  
A.M., 1918; A.B., Holyoke, 1917
- Bromley, Anna Orr Uniontown, Pa.  
A.M., 1915; B.S., Carnegie Inst. of Tech., 1914
- Bross, William Hamilton Brooklyn, N. Y.  
A.B., Colgate, 1916
- Brown, Richard Burgess Troy, Tenn.  
B.S., Peabody, 1917. *Educational Psychology*
- Browning, Webster E. Montevideo, Uruguay  
Ph.D., Emporia, 1895; A.B., Princeton, 1894. *Education*
- Brubaker, Ethel Rahway, N. J.  
A.B., Oberlin, 1911
- Bucks, Olive Aurora, Ill.  
A.B., Michigan, 1908. *History*
- Burke, Agnes Winona, Minn.  
B.S., 1913
- Burke, Emma Jane New York City  
B.S., 1916. *English*
- Burnham, Elsie Isabel Plainview, Minn.  
B.L., Carleton, 1905
- Burns, Dana Thurlow Guysville, Ohio  
A.B., Ohio, 1917. *Secondary Education*
- Burns, Marie C. Guysville, Ohio  
B.S., Ohio, 1917. *Secondary Education*
- Burns, Robert Leo Cliffside, N. J.  
B.S., 1916. *Elementary Education*
- Burton, Elizabeth Ashley Gloversville, N. Y.  
A.B., Smith, 1918. *Nursing*
- Burt, Jerome Brooklyn, N. Y.  
Ph.B., Yale, 1914. *Mathematics*
- Byrne, Margaret C. Brooklyn, N. Y.  
A.M., 1908; A.B., 1905. *Mathematics*
- Byrne, George L. New York City  
B.S., C. C. N. Y., 1892. *Mathematics*

- Campbell, Hattie Louise Windsor, Conn.  
A.B., Mt. Holyoke, 1903. *Nutrition*
- Carleton, Mary Sing-Gien Foo Chow, China  
A.B., Goucher, 1912
- Carlton, Josephine Buffalo, N. Y.  
A.B., Lake Erie, 1916. *English*
- Carpenter, Mary Frances Cumberland, Ohio  
A.B., Mt. Union, 1910. *Elementary Education*
- Carroll, Cleome Eugene, Ore.  
A.B., Oregon, 1918. *Fine Arts*
- Carson, Clara Louise Yonkers, N. Y.  
Ph.M., Syracuse, 1909; Ph.B., Syracuse, 1906
- Carter, Esther May Cuyahoga Falls, Ohio  
A.M., Ohio Wesleyan, 1906; B.L., 1892
- Case, Adelaide Teague New York City  
A.B., Bryn Mawr, 1908. *Religious Education*
- Caulkins, Glenn Whitman Bellingham, Wash.  
A.B., Washington, 1901
- Chamberlain, Nina Lenita Sparkill, N. Y.  
B.S., 1918
- Chandler, Robert Elmer New York City  
A.M., Yale, 1910; B.D., Yale, 1910; A.B., Yale, 1904
- Chang, Sze-yi Shingtseh, China  
B.S., 1918. *Educational Psychology*
- Chang, Zah-Ling Shanghai, China  
A.M., 1918; A.B., St. John's, 1917
- Chaplin, Maude Frances Rock Hill, S. C.  
B.S., 1917; A.B., Winthrop, 1899. *Household Arts*
- Chapman, Ardenia Keytesville, Mo.  
B.S., Missouri, 1917. *Household Arts*
- Chapman, Hazel New York City  
A.B., Rochester, 1910
- Cherey, Deborah New York City  
A.B., Hunter, 1916. *Fine Arts*
- Chipkin, Israel Solomon New York City  
A.M., 1915; B.S., 1913. *Educational Sociology*
- Chipman, Guy Wilbur Brooklyn, N. Y.  
A.B., Colby 1902; A.M., Pennsylvania, 1913
- Christianson, Erica Menomonie, Wis.  
B.S., 1907. *Household Arts Education*
- Clark, Austin Gilbert New York City  
A.B., C. C. N. Y., 1903. *History*
- Clark, Bertha Winifred Hamilton, N. Y.  
A.M., 1915; A.B., George Washington, 1902
- Clark, Edward Maurice Eden Prairie, Minn.  
B.D., San Francisco Seminary, 1918; A.B. Macalester, 1915
- Clark, Marion G. Newark, N. J.  
B.S., 1916. *History*
- Clark, Mary Augusta Bedford, N. Y.  
A.M., 1914; A.B., Mt. Holyoke, 1902. *Educational Psychology*
- Cobb, Edna Isabelle Scranton, Pa.  
A.B., Wilson, 1913. *Household Arts*
- Cobb, Margaret Evertson Tarrytown, N. Y.  
A.M., 1918; A.B., Vassar, 1917. *Psychology*
- Coburn, Mildred Leann McLean, Ill.  
A.B., Illinois. *Mathematics*
- Coe, Isabel Louise Brooklyn, N. Y.  
A.B., Hunter, 1918. *Mathematics*
- Cohen, Frank Brooklyn, N. Y.  
A.M., 1916; A.B., C. C. N. Y., 1915. *Educational Sociology*
- Collins, Albert Valentine New York City  
A.B., Boston, 1907. *Educational Administration*
- Collins, Katherine Mildred (Mrs.) New York City  
A.B., Hunter, 1916. *Science*
- Conkling, Roscoe Peter Brockport, N. Y.  
A.B., Cornell, 1911
- Consalus, Frances Hamilton New York City  
B.S., 1908
- Cook, Sherman Robley New York City  
B.S., 1918
- Coolidge, Dorothy Cedar Falls, Ia.  
A.B., Iowa, 1918. *Kindergarten*
- Coonrod, Mildred Esther Port Jervis, N. Y.  
Ph.B., Syracuse, 1911. *History*
- Corson, Guy Louis Hop Bottom, Pa.  
A.B., Syracuse, 1914. *Secondary Education*
- Coulter, John Harvey Greenwich, Conn.  
Ph.B., Syracuse, 1910
- Coulton, Thomas Evans Red Bank, N. J.  
A.B., C. C. N. Y., 1914
- Coutts, Anna Juanita  
Thamesville, Ontario, Canada  
A.B., Trinity, 1916. *Scouting*
- Cox, Theodosia Winchester, Va.  
A.B., Vassar, 1916
- Crabtree, Rebekah Taylor San Diego, Cal.  
A.B., Stanford, 1918
- Crane, J. Ernest Orange, N. J.  
A.M., N. Y. U., 1918; Ph.B., Dickinson, 1911
- Crim, Adelaide Far Rockaway, N. Y.  
Ph.B., Syracuse, 1908
- Crogan, Ida Christine Bayonne, N. J.  
A.B., Minnesota, 1906. *English*
- Crogan, Mattie Marie Bayonne, N. J.  
A.B., Minnesota, 1910. *English*
- Crouse, Walter Suplee Honeybrook, Pa.  
A.M., 1918; Ph.B., Bucknell, 1915
- Currier, Grace Mae Salix, Ia.  
A.M., Chicago, 1914; A.B., Northwestern, 1911. *Household Arts*
- Currier, Mildred Monmouth, Ill.  
A.B., Monmouth, 1915. *Physical Education*
- Danes, James Thomas Brewster, N. Y.  
B.S., Syracuse, 1913. *Educational Administration*
- Darrow, Alice Marie New York City  
A.B., Michigan, 1914. *Mathematics*
- Davenport, Isabel New York City  
A.M., 1909; B.S., 1902

- Davis, Bertha Corvallis, Ore.  
M.S., Oregon State Agricultural, 1909.  
*Household Arts Education*
- Davis, Carrie Hays Wichita, Kan.  
A.B., Friends, 1917
- Davis, Lowry Greenville, S. C.  
B.D., Union Theological (Va.), 1908; A.B.,  
Southwestern Presbyterian, 1902. *Missionary Education*
- Davis, Margaret Stanley Glens Falls, N. Y.  
B.S., Simmons, 1911
- Davis, Merle Leonard Wichita, Kan.  
A.B., Friends Univ., 1917. *Religious Education*
- Dayan, Marion Brooklyn, N. Y.  
B.S., Elmira, 1916; A.B., Elmira, 1916.  
*Biology*
- Dayton, Margaret Irene Schenectady, N. Y.  
A.B., New York State College for Teachers,  
1915. *French*
- Deas, Sarah Beaufort, West South Africa  
A.B., Huguenot, 1903. *Administration*
- Deaver, Mary Lenore Crooksville, Ohio  
B.S., Ohio, 1918. *History*
- Debower, Rae New York City  
A.B., Hunter, 1914. *Philosophy*
- Denny, Grace Goldena Seattle, Wash.  
A.B., Nebraska, 1907. *Household Arts*
- Dennett, Edith Evans Berkeley, Cal.  
B.L., California, 1914
- Dennis, Edna Elston Newburgh, N. Y.  
A.B., Elmira, 1914. *Latin*
- Detraz, Mary Julia New York City  
A.B., Cincinnati, 1910. *Elementary Education*
- DeZeller, May Pearl New York City  
B.S., 1917. *Mathematics*
- Dexter, Walter Friar New York City  
A.B., Pennsylvania, 1916. *Religious Education*
- Didcoct, John Joseph Nashville, Tenn.  
A.M., 1914; M.S., Wooster, 1908; Ph.B.,  
Wooster, 1905. *Secondary Education*
- Diehl, Eleanor Catharine Port Chester, N. Y.  
B.S., 1917. *Household Arts*
- Diemer, Magdaleen Cathrina Pontiac, Ill.  
Ph.B., Chicago, 1916. *History*
- Dobbin, Benjamin Harrison Port Chester, N. Y.  
Pd.M., N. Y. U., 1916; B.S., N. Y. U., 1915.  
*Educational Administration*
- Dodd, Nellie Carter New York City  
A.B., Mt. Holyoke, 1912. *Industrial Arts*
- Doherty, Mary New York City  
A.M., 1914; B.S., 1912
- Doran, Edmund W. Newport, Ky.  
A.B., New Mexico, 1914
- Doremus, Mary Caroline Kingston, N. Y.  
A.M., Washington, 1914; A.B., Albany, 1908
- Doris, Charles Brooklyn, N. Y.  
A.B., Adelphi, 1916. *Elementary Education*
- Dow, Harold Francis Hackensack, N. J.  
B.S., Colby, 1910
- Drum, Edith Leonard (Mrs.)  
B.S., 1915. Grantwood, N. J.
- Drum, Warren Nevin Grantwood, N. J.  
A.M., 1915; B.S., 1914. *Educational Administration*
- Dudley, Warren Spencer Indianola, Ia.  
B.D., Garret, 1917; A.B., Simpson, 1914.  
*Religious Education*
- Duncan, Bertha Chandler Hancock, N. H.  
A.B., Middlebury, 1905. *English*
- Duncan, David Merritt Winnipeg, Canada  
A.B., Toronto, 1894; Pd.B., Toronto, 1895
- Dunphy, Mary St. Paul, Minn.  
B.S., Minnesota, 1915. *Institutional Administration*
- Durfee, Ruth Mott Salem, N. Y.  
Ph.B., Vermont, 1914. *French*
- Duryea, Madeline S. New York City  
B.S., 1916
- Eames, Susan Frances Jacksonville, Ill.  
A.B., Illinois, 1907. *Kindergarten*
- Ebbert, Lida Mildred Barberton, Ohio  
Ph.B., Dickinson, 1908. *Administration*
- Eckman, Rena Sara Leechburg, Pa.  
B.S., 1918. *Administration*
- Eckstein, Arthur C. New York City  
B.S., C. C. N. Y., 1903; A.M., N. Y. U., 1908
- Edmond, Sarah Cohocton, N. Y.  
B.S., N. Y. U., 1908
- Elliott, Lucy Cable Columbus, Ohio  
B.S., 1914; A.B., Mt. Holyoke, 1904. *Educational Psychology*
- Ellis, Dorothy Grace Kellogg, Idaho  
B.S., Idaho, 1915. *Institutional Administration*
- Ely, Dorothy Olivet, Mich.  
A.B., Olivet, 1913. *Mathematics*
- Emmons, Frederick Earle Elizabeth, N. J.  
A.B., Cornell, 1902
- Erdwurm, Joanna New York City  
A.B., Hunter, 1918. *History*
- Errickson, Erma Olga Virgil, Kan.  
A.B., Washburn, 1917
- Etkin, Murray Jonathan New York City  
B.S., C. C. N. Y., 1918
- Everett, Sarah Ruth Roselle Park, N. J.  
A.B., Boston, 1911. *Physical Science*
- Fairchild, Alice Cowles Nashville, Tenn.  
B.S., 1913; A.B., Oberlin, 1912. *Household Arts*
- Farrar, Nell Hillsboro, Tenn.  
A.B., 1918. *Administration*
- Farrell, Margaret Marie New York City  
A.B., Mt. St. Vincent, 1914
- Faulkner, Elizabeth Springfield, Mo.  
B.S., Missouri, 1907; A.B., Missouri, 1907.  
*English*

- Fearon, Dora Christina Ann Arbor, Mich.  
 A.B., Michigan, 1909
- Fernallid, Floyd Monroe Leonia, N. J.  
 A.B., Syracuse, 1905. *Mathematics*
- Fedde, Margaret Omaha, Neb.  
 A.B., Nebraska, 1914
- Fenili, Raphael Astoria, L. I.  
 A.M., 1916; Ph.B., Liceo (Italy), 1900
- Fenninger, William Norman Richmond Hill, N. Y.  
 A.M., Ohio State, 1913; Ph.B., Franklin and Marshall, 1910
- Ferrin, Livia E. Montclair, N. J.  
 A.M., 1915; A.B., Pacific, 1906
- Field, Eleanore Anne Hartford, Conn.  
 B.S., 1915. *Educational Administration*
- Fiero, Maude Louise Round Top, N. Y.  
 B.S., 1912
- Fisher, Harry Martin Port Chester, N. Y.  
 B.S., N. Y. State, 1916
- Fisher, Henry Earl Clearfield, Pa.  
 A.B., Pennsylvania Coll., 1917. *Religious Education*
- Flores, Pastoriza New York City  
 A.B., Hunter, 1919. *History*
- Fontarede, Bertha A. Ridgewood, N. J.  
 A.B., Vassar, 1905. *Mathematics*
- Foote, Alice Bradford Cincinnati, Ohio  
 \*B.S., 1913. *Household Arts Education*
- Forsyth, Margaret E. Germantown, Pa.  
 A.B., Goucher, 1917
- Forsyth, Pearl Barnett Indianapolis, Ind.  
 A.B., Butler, 1908
- Foster, Eleanor Worthington Troy, N. Y.  
 A.B., Vassar, 1918. *Religious Education*
- Fowler, Mabel Montrose, Pa.  
 Ph.B., Syracuse, 1907
- Fowler, Matilda Newson (Mrs.) Berkeley, Cal.  
 B.S., California, 1913
- Frame, Margaret Anna Tengchowfu, China  
 A.M., 1910; Ph.B., Wooster, 1905
- Franklin, Cirelda New York City  
 Ph.B., Chicago, 1918; B.M., Christian Coll., 1916. *History*
- Friedrich, Charles Henry S. Leonia, N. J.  
 A.M., 1916; B.S., 1914. *Administration*
- Fritz, Henry Eugene North Pelham, N. Y.  
 B.S., N. Y. U., 1906; Ph.D., N. Y. U., 1908; Pd.M., N. Y. U., 1907
- Froats, Willis Charles Ontario, Canada  
 A.M., Queen's, 1904; A.B., Queen's, 1903
- Frost, Harold Ionel Rehoboth, Mass.  
 B.D., Hartford Theological, 1910; A.B., Bates, 1907. *Religious Education*
- Frost, Norman Berea, Ky.  
 A.M., 1914; A.B., Oberlin, 1909. *Administration*
- Fulcher, Gwyneth Mary Evanston, Ill.  
 B.S., Northwestern, 1918
- Gaffney, Matthew Page Webster, N. Y.  
 B.S., Colgate, 1912. *Educational Sociology*
- Gammon, Stella Marcia Pasadena, Cal.  
 A.B., Pomona, 1917. *Fine Arts*
- Gamoran, Emanuel New York City  
 A.B., C. C. N. Y., 1917
- Gardner, Eleanor Adelaide Nyack, N. Y.  
 Pd.M., N. Y. U., 1917; A.B., South Carolina, 1916
- Garrison, Noble Lee New York City  
 A.M., Missouri, 1912; A.B., Missouri, 1912; B.S., Missouri, 1909. *Elementary Administration*
- Gauthey, Fanchette L. New York City  
 A.M., N. Y. U., 1901
- Gaylord, Viola G. Lyons Falls, N. Y.  
 A.B., Keuka, 1914
- Giddings, Anne B. Mineola, N. Y.  
 A.B., Syracuse, 1915. *English*
- Gildemeister, Theda Winona, Minn.  
 B.S., 1906. *Elementary Supervision*
- Gilmore, Ethel Melinda New York City  
 A.M., 1918; A.B., Hunter, 1915. *Fine Arts*
- Gillum, Helen Louise Terre Haute, Ind.  
 A.B., Indiana, 1915. *Administration*
- Goble, Lottie Maude Newark, N. J.  
 B.S., N. Y. U., 1917.
- Godshaw, Esther Cincinnati, Ohio  
 B.S., Chicago, 1909; Ph.B., Chicago, 1909. *History*
- Goff, Margaret Dorothy Madison, S. D.  
 A.B., South Dakota, 1917. *Physical Education*
- Goldberg, Edward New York City  
 A.B., Stanford, 1917
- Goldsmith, Claire Elizabeth New York City  
 B.S., 1917. *Kindergarten Supervision*
- Goll, Bertha Clemence Brooklyn, N. Y.  
 B.S., 1915. *English*
- Goltra, Inez Janet Salem, Ore.  
 A.B., Reed, 1916. *Kindergarten*
- Goodsell, Evelyn Dora Flandreau, S. D.  
 A.B., Carleton, 1916. *Music*
- Gordy, Harry Miles Elizabeth, N. J.  
 A.B., Wesleyan, 1907
- Goucher, Elizabeth Pikesville, Md.  
 A.B., Goucher, 1905
- Graham, Marion Jordan New York City  
 A.B., Hunter, 1918. *Mathematics*
- Grant, James Richard Fayetteville, Ark.  
 A.M., Chicago, 1914; Ph.B., Illinois, 1911; A.B., Arkansas, 1908. *Rural Education*
- Graves, Katharine Bradford Philadelphia, Pa.  
 A.B., Vassar, 1917; B.S., Pennsylvania, 1916. *Educational Psychology*
- Gray, Frances Mahwah, N. J.  
 A.B., Wellesley, 1912
- Greenan, John Thomas East Orange, N. J.  
 A.B., Bates, 1915. *History*



- Greenberg, Elsa New York City  
A.B., Hunter, 1915
- Greenberg, Joseph Brooklyn, N. Y.  
B.S., C. C. N. Y., 1914
- Greenfield, Solomon Charles Brooklyn, N. Y.  
B.S., C. C. N. Y., 1917. *Mathematics*
- Greig, Mary New York City  
B.S., 1918. *English*
- Griffith, Arthur Vincent, Port Washington, N. Y.  
B.S., Pd.B., Syracuse, 1911
- Groenewold, Ella Hastings, Neb.  
Ph.B., Chicago, 1916. *Household Arts*
- Grof, Christina Ossining, N. Y.  
A.B., 1914. *Household Administration*
- Gross, James Heilman Summit, N. J.  
A.M., 1918; A.B., Pennsylvania Coll., 1913.
- Gross, Olive Augusta Baltimore, Md.  
A.B., Goucher, 1915. *Household Administration*
- Grossman, Gladys Freda Brooklyn, N. Y.  
A.B., Adelphi, 1916. *Fine Arts*
- Grover, Elbridge Cook Closter, N. J.  
B.S., Harvard, 1915. *Educational Administration*
- Groves, Pauline T. Champaign, Ill.  
A.B., Illinois, 1911
- Guenther, Ruth Ida Mansfield, Ohio  
B.S., Ohio, 1914. *Nutrition*
- Guinee, Julia Frances New York City  
A.M., 1918; A.B., Hunter, 1917. *Physical Science*
- Guinee, Marie Loretta New York City  
A.M., 1918; A.B., Hunter, 1917. *Mathematics*
- Gustafson, Floyd Williams New York City  
A.B., Grinnell, 1912
- Gwinn, Kathryn Maude Noblesville, Ind.  
A.B., De Pauw, 1914
- Haines, Faith Huntington Colorado Springs, Col.  
A.B., Colorado, 1909
- Halloran, William Frederick Elizabeth, N. J.  
A.M., 1916; B.S., 1914
- Hamilton, Frederic Rutherford Lawrence, Kan.  
Ph.M., Wisconsin, 1907; Ph.B., Wisconsin, 1906
- Hanley, Frances Lee New York City  
M.S., N. Y. U., 1915; A.B., Hunter, 1902
- Hannum, Robert Henry New York City  
A.M., Wooster, 1918; A.B., Wooster, 1915
- Hardie, Mary E. Hackensack, N. J.  
A.B., Bates, 1909. *Physical Science*
- Harris, Herman Lee Colburn, Va.  
A.B., William and Mary, 1915
- Harrison, Emily Stewart Atlanta, Ga.  
A.M., Georgia, 1918; Ph.B., Chicago, 1915
- Hart, Louise Gibbs New York City  
B.L., Michigan, 1900
- Hartman, Gertrude New York City  
A.B., Bryn Mawr, 1905. *Philosophy of Education*
- Harwood, Hazel May Shelbyville, Ill.  
A.B., Illinois, 1908. *Adviser of Women*
- Hatch, Roy Winthrop Princeton Depot, Mass.  
A.B., Dartmouth, 1902. *History*
- Hawthorne, Marion Olive Syracuse, N. Y.  
A.B., Syracuse, 1918. *Social and Religious Education*
- Hedden, Frances Matilda Newark, N. J.  
A.B., Vassar, 1904. *Religious Education*
- Hedges, Blanche B. New York City  
A.B., Vassar, 1902. *Mathematics*
- Heim, Raymond Walter New York City  
B.S., State College, 1913
- Heinmiller, Louis Edward Glen Ridge, N. J.  
A.M., 1918, B.S., Rochester, 1911. *Administration*
- Hellyar, Marian Palmer, Mass.  
A.B., Mt. Holyoke, 1906
- Herrmann, Ida Frances Bristol, R. I.  
Ph.B., Brown, 1906. *English*
- Herold, Rose Ella Nelsonville, Ohio  
A.B., Ohio, 1915. *Physical Science*
- Herr, Louis Albert Fortville, Ind.  
B.S., 1917. *Industrial Arts*
- Hersey, Louise Moore Poughkeepsie, N. Y.  
A.B., Albany, 1909; Ph.B., Albany, 1901
- Hertzler, Silas Denbigh, Va.  
A.M., 1918; B.D., Yale, 1917; A.B., Goshen, 1913. *Religious Education*
- Hess, Georgiana (Mrs.) Chicago, Ill.  
A.B., Stanford, 1908
- Hester, Byron Mayfield, Ky.  
A.B., Transylvania, 1913; A.B., West Kentucky, 1917. *Religious Education*
- Hiesel, Josephine New York City  
A.M., 1917; B.S., 1915. *History*
- Higaski, Nobutaka Tokai New York City  
A.B., Waseda (Japan), 1908. *Educational Psychology*
- Higgins, Kathleen Agnes New York City  
A.B., Hunter, 1918. *English*
- Hill, Margaret Agnes New York City  
A.B., Adelphi, 1918
- Hine, Sarah Avery Staten Island, N. Y.  
B.S., Missouri, 1911
- Hiramoto, Nasaji Tokyo, Japan  
B.S., 1918; A.B., Senshu Univ., 1904. *Fine Arts*
- Hoefler, Carolyn Freeport, Ill.  
A.M., Chicago, 1918; A.B., Wisconsin, 1910. *Educational Administration*
- Hoffman, Esther New York City  
A.B., Hunter, 1915
- Holmes, Margaret Hamerik New York City  
A.M., 1918; B.S., 1915. *Psychology*

- Holt, Henry Daniel Norfolk, Va.  
B.S., Virginia Polytechnic Inst., 1911; B.D., Yale, 1918. *Administration*
- Honeywell, Hannah Elizabeth Walton, N. Y.  
A.M., 1918; A.B., Mt. Holyoke, 1910
- Hopkins, Thomas Wells Elizabeth, N. J.  
B.S., 1916. *Elementary Supervision*
- Horowitz, Harry New York City  
A.B., 1918. *Latin*
- Hoshino, Ai Tokyo, Japan  
A.B., Bryn Mawr, 1912. *English*
- Houseman, William Lynn White Plains, N. Y.  
B.S., Colgate, 1908. *Administration of Education*
- Howard, David Kivett Newark, N. J.  
B.S., Alfred, 1913.
- Hoyt, Olive Sawyer East Orange, N. J.  
B.S., Mt. Holyoke, 1897
- Hu, Thomas Ching-Sen Wuchang, China  
B.S., Boone, 1915. *Educational Psychology*
- Hubbard, Julia Mary Detroit, Mich.  
B.S., 1917; B.Pd., Michigan State, 1911
- Hudelson, Earl Leonia, N. J.  
A.M., Indiana, 1912; A.B., Indiana, 1911
- Huneke, John Jacob Brooklyn, N. Y.  
A.B., Adelphi, 1918
- Hupp, James Lloyd Hemlock, Ohio  
B.S., Ohio, 1916. *Administration*
- Hupper, Marjorie Alden Tenants Harbor, Me.  
A.B., Mt. Holyoke, 1917. *Nutrition*
- Hurt, Huber William New York City  
LL.D., Iowa Wesleyan, 1917; A.M., Iowa Wesleyan, 1905; B.S., Iowa Wesleyan, 1904. *Administration*
- Hutchison, Josephine Ladner Mineral Points, Wis.  
A.M., 1918; A.B., Illinois, 1917. *Physical Education*
- Isles, Lyla Lyons, Ind.  
A.B., Indiana, 1915. *Institutional Administration*
- Irvine, Elizabeth S. New York City  
B.S., 1917; A.B., Hunter, 1904. *Elementary Education*
- Isaacs, Walter F. Gillespie, Ill.  
B.S., James Millikin, 1909
- Jackson, Catharine Ethel New York City  
Ph.B., De Pauw, 1901. *Religious Education*
- Jacoby, Ethel Boileau Riegelsville, N. J.  
A.B., Mt. Holyoke, 1905
- Jameson, Emma Los Angeles, Cal.  
B.S., California, 1902. *French*
- Jensen, Valborg Laurine Eldorado, Ia.  
A.B., Cornell, 1918. *Religious Education*
- Jeschke, Harry New York City  
A.M., 1899. *Educational Psychology*
- Jessup, Ruth Minneapolis, Minn.  
A.B., Minneapolis, 1912. *Elementary Supervision*
- Jetteur, Matthieu Verviers, Belgium  
A.M., 1918
- Job, Martha Mt. View, Cal.  
A.M., Stanford, 1916; A.B., Stanford, 1915
- Johns, Charles Lee Mt. Pleasant, Utah  
A.B., Northwestern, 1908
- Jones, Chandler Tracy Montclair, N. J.  
A.B., Amherst, 1917
- Johnson, Elmer Wilson Roselle, N. J.  
A.B., Colgate, 1907. *English*
- Johnson, L. Constance Appleton, Wis.  
A.B., Lawrence, 1918
- Jones, Chandler Tracy Montclair, N. J.  
A.B., Amherst, 1917
- Jones, Clara V. Henry, Ill.  
A.B., Oberlin, 1904
- Jones, Lydia Beulah Independence Poultney, Vt.  
Ph.B., Cornell, 1900. *Adviser of Women*
- Jordan, Arthur Mellville New York City  
A.M., Trinity, 1909; A.B., Randolph-Macon, 1907. *Psychology*
- Joyce, Emily Parry Swarthmore, Pa.  
A.B., Swarthmore, 1917. *English*
- Kaps, Clara E. Oshkosh, Wis.  
B.S., 1915. *Elementary Education*
- Kattmann, Emmy Harriet Montgomery, N. Y.  
A.B., Hunter, 1915
- Kennard, Ralph Brandreth Tarrytown, N. Y.  
Ch.E., 1916
- Kennedy, Erskine W. Sharon, S. C.  
A.B., Erskine, 1905
- Kennon, Laura Hall Baker, Ore.  
A.B., Oregon, 1911
- Kent, Anson Earle Inwood, L. I.  
A.B., Syracuse, 1909. *Mathematics*
- Kent, Elizabeth W. Brooklyn, N. Y.  
A.B., Wellesley, 1916
- Kesler, Mary Grace Valley Center, Kan.  
A.B., Baker, 1910. *Religious Education*
- King, Leo Hamilton New York City  
A.M., Wisconsin, 1906; A.M., Holy Cross, 1903; A.B., Holy Cross, 1901. *Secondary Education*
- Kling, Delia Christine Brooklyn, N. Y.  
B.S., 1917. *Elementary Supervision*
- Knapp, Elsie Laura Ida, Mich.  
A.M., Michigan, 1912; A.B., Michigan, 1906
- Knight, Emma Evelyn Solomon, Kan.  
B.S., 1918. *Institutional Administration*
- Knight, Frederic Butterfield Brookline, Mass.  
A.M., Harvard, 1915; A.B., Boston, 1913
- Knight, Martha G. Deer Isle, Me.  
A.M., 1918; B.S., Maine, 1909
- Koch, Dorothy Aspen, Col.  
A.B., Colorado, 1918. *Household Arts Education*
- Kong, Rhoda Eleanor Canton, China  
A.B., Wheaton, 1918. *Education*

- Kreykenbohm, Caroline New York City  
A.M., 1916; B.S., 1914. *Education*
- Kummerle, Harrison M. Mt. Vernon, N. Y.  
B.S., C. C. N. Y., 1914
- Lacy, John Veere South Milwaukee, Wis.  
B.D., Garret Bib., 1917; A.B., Ohio Wesleyan, 1915. *Religious Education*
- Land, George Albright Manchester, Md.  
Ph.D., Cornell, 1913; A.B., Franklin and Marshall, 1905. *Secondary Education*
- Landerholm, Axel Emanuel New York City  
A.B., Harvard, 1913
- Langley, Elizabeth Euphrosyne Chicago, Ill.
- Langner, Henrietta M. Buffalo, N. Y.  
B.S., 1918. *Fine Arts*
- Lawyer, Florence Shipman (Mrs.)  
Yonkers, N. Y.  
A.B., George Washington, 1892. *Latin*
- Leary, Daniel Bell New York City  
A.M., 1915; A.B., 1909. *History of Education*
- Lehman, Eugene Heitler New York City  
A.M., Yale, 1910; A.B., Yale, 1902
- Leigh, Florence Boscom Little Rock, Ark.  
A.B., Kentucky, 1908
- Leiva, Luis A. Tirapegui Santiago, Chile  
B.S., 1918
- Lepper, Julius Wayne  
Atlantic Highland, N. J.  
A.B., Dickinson, 1916. *Administration of Education*
- Lerner, Hannah New York City  
A.B., Hunter, 1918
- Letson, Evelyn Roberta Stelton, N. J.  
A.B., Randolph-Macon, 1918. *Physical Education*
- Levinson, William New York City  
A.B., C. C. N. Y., 1918. *History*
- Levy, Clara Newark, N. J.  
Pd.M., N. Y. U., 1916; B.S., N. Y. U., 1916
- Levy, Elsa Helene Kisch (Mrs.) Palisade, N. J.  
B.S., 1916. *Physical Education*
- Lew, Timothy Tingfang Nanking, China  
B.D., Yale, 1918; A.M., 1915; A.B., 1914
- Lewis, John William Edinboro, Pa.  
A.B., Colgate, 1917. *Religious Education*
- Li, Chien Hsiin Chihli Province, China  
B.S., 1918. *Administration*
- Lieberman, Jacob New York City  
B.S., C. C. N. Y., 1915. *Physical Science*
- Lim, Katharine Ong-Neo  
Singapore, Straits Settlements  
A.M., 1918; A.B., Franklin, 1915. *Kindergarten*
- Ling, Chen Ping Foochow, China  
A.B., Rochester, 1918. *Administration of Education*
- Linke, Edith Adelaide Yonkers, N. Y.  
A.B., Smith, 1908. *Education*
- Livingstone, Helen Glenham, N. Y.  
B.S., Pittsburg, 1916. *Household Arts*
- Loeb, Josephine New York City  
B.S., 1918. *Education*
- Logan, Conrad T. Harrisonburg, Va.  
A.M., 1915; A.B., Randolph Macon, 1910
- Long, Kathryn Marie Mound City, Kan.  
B.S., 1906; A. B., Coll. of Emporia, 1901. *Elementary Supervision*
- Long, Lillian Elizabeth New York City  
A.M., Wisconsin, 1912; B.S., Chicago, 1909
- Longman, Marion Walter Kalamazoo, Mich.  
A.M., Michigan, 1911; A.B., Albion, 1910. *Administration*
- Lott, Marietta Creed Jamaica, N. Y.  
A.B., 1917. *Physical Education*
- Lotz, Elsa Brooklyn, N. Y.  
A.M., 1916; B.S., 1912. *Religious Education*
- Love, Esther Josephine Fremont, Ohio  
A.B., Michigan, 1915. *Nursing and Health*
- Lovely, Thomas J. Brooklyn, N. Y.  
A.B., C. C. N. Y., 1918. *History*
- Luft, Harry Leopold Brooklyn, N. Y.  
B.S., 1915. *Physical Training*
- Lustig, Emilie New York City  
A.B., Hunter, 1918. *Mathematics*
- Lyon, Lois Deborah Ovid, N. Y.  
A.B., Wooster, 1901. *Religious Education*
- Lyon, Marjory Franklin, Pa.  
A.B., Toronto, 1918. *English*
- McClelland, Clarence Paul Carmel, N. Y.  
B.D., Drew Theological, 1910; A.B., Wesleyan, 1907. *Religious Education*
- McClure, Helen New York City  
B.S., 1913. *Education*
- McDaniel, Leon Sayre Brooklyn, N. Y.  
A.M., 1918; A.B., Bethany, 1914
- McDonald, John Arthur Warren, Ohio  
A.B., Pennsylvania, 1915. *Elementary Education*
- McDowell, Edith Baltimore, Md.  
A.B., Goucher, 1914
- McFarlane, Dorothy May Whitewater, Wis.  
B.S., 1915. *Household Administration*
- MacGregor, Kate Miller Hillburn, N. Y.  
B.S., 1912. *Elementary Supervision*
- McKechnie, Mary Waters New York City  
B.S., 1918. *Nursing and Health*
- McKee, William John Aspinwall, Pa.  
C.E., Cornell, 1909. *Administration*
- MacKinnon, Marion Grace Seattle, Wash.  
A.B., McGill, 1910. *Household Arts Education*
- MacKnight, Lydia Edwardina (Mrs.)  
New York City  
B.S., 1917. *Elementary Education*
- McLane, Fannie Moulton New York City  
A.M., 1908; A.B., 1907. *Scouting*
- McLean, Lester (Mrs.) New York City  
A.B., Colorado, 1900

- McMinn, Vaun Davis                      Jefferson, Pa.  
A.B., West Virginia, 1913. *Education*
- McMillan, William Buchanan          Chatham, N. J.  
A.B., Southwestern, 1916
- McMullen, Lynn Banks                  Valley City, N. D.  
B.S., De Pauw, 1897. *Administration*
- McNeal, Wylle B.                          Wheatland, Ky.  
B.S., Chicago, 1915. *Education*
- McNeill, George Albert                  Loveland, Ohio  
A.B., Miami, 1914. *Secondary Education*
- Macley, Lillian                           Plainfield, N. J.  
A.B., Mt. Holyoke, 1906. *Household Arts*
- Maddi, Patronella Marie                New York City  
B.S., 1918. *Fine Arts Education*
- Madison, Arthur Alexander            New York City  
A.M., 1918; A.B., Bowdoin, 1910
- Manson, Grace Evelyn                  Baltimore, Md.  
A.B., Goucher, 1915. *Psychology*
- Manzer, Charles West                  Windsor, Vt.  
A.M., 1917; A.B., Dartmouth, 1916
- Marsh, Arthur Lyman                   Tacoma, Wash.  
A.M., Chicago, 1911; A.B., Univ. of Puget Sound, 1908
- Marshall, Fay                              Bloomfield, Ind.  
B.S., Franklin, 1906. *Elementary Education*
- Marshall, Lucile Rogers (Mrs.)        Brooklyn, N. Y.  
A.B., Utah, 1912
- Martin, George Ellsworth              Kearney, Neb.  
A.B., Nebraska, 1914. *Administration*
- Martyn, Burr                              Hasbrouck Heights, N. J.  
A.B., 1918. *Administration*
- Mason, Frances V.                       East Bloomfield, N. Y.  
B.S., 1916. *Rural Education*
- Maxwell, Mirdy Aleen                   St. Paul, Minn.  
B.S., Minnesota, 1914. *Institutional Administration*
- Mead, Anna Rachel                       Greenwich, Conn.  
A.B., Smith, 1918. *English*
- Mead, Douglass S.                       Greenwich, Conn.  
A.B., Dickinson, 1917
- Medders, Caroline MacKay            Still Pond, Md.  
Ph.B., Chicago, 1918
- Medlar, Reba Neitz                       Reading, Pa.  
A.B., Wellesley, 1907
- Megahan, Anna Margaret               Brooklyn, N. Y.  
B.S., 1917. *Household Arts Education*
- Merritt, Elizabeth Rider                Danbury, Conn.  
B.S., 1918. *Fine Arts*
- Merritt, Laura Belle                      Geneva, N. Y.  
Ph.B., Syracuse, 1909
- Meyer, Eleanor Ann                       Anthony, Kan.  
Ph.B., Chicago, 1913. *History*
- Meyer, Helen                               Yonkers, N. Y.  
B.S., 1913. *Psychology*
- Miles, Irene Lenore                      Brooklyn, N. Y.  
A.B., Vassar, 1910. *English*
- Miller, Clara J.                            Liberty, Pa.  
A.B., State Coll. (Pa.), 1918. *Psychology*
- Miller, Clara Josephine                Geneva, Ill.  
B.S., Wisconsin, 1917. *Institutional Administration*
- Miller, Gertrude Anna                  Beatrice, Neb.  
A.B., Stanford, 1912. *House Design*
- Miller, Luther Paul                       Harrisburg, Pa.  
A.B., Pennsylvania Coll., 1917. *Administration*
- Milne, Cyrus G.                           Brooklyn, N. Y.  
A.B., C. C. N. Y., 1918. *History*
- Mills, Marian Emily                      Port Byron, N. Y.  
B.S., 1917
- Mohain, Joseph Patrick                  Newton, N. J.  
A.B., Union, 1913
- Mohan, Lucy Florence                  Brooklyn, N. Y.  
A.B., Radcliffe, 1903. *Mathematics*
- Montgomery, Urdell                      Lincoln, Neb.  
A.B., Hastings, 1899. *Sociology*
- More, Mary Baldwin                      Chatham, N. J.  
A.B., 1897
- Morrison, John Cayce                    Leonia, N. J.  
A.M., 1916; B.S., 1915; A.B., Valparaiso, 1912. *Administration*
- Morrow, Paul Reed                       Huntington, W. Va.  
A.B., West Virginia, 1909. *Secondary Education*
- Moskowitz, David H.                    Brooklyn, N. Y.  
A.M., 1914; A.B., 1913. *Mathematics*
- Munro, Paul Merritt                      Buena Vista, Ga.  
A.B., Emory, 1910. *Secondary Education*
- Munsell, Hazel Edith                    Monson, Mass.  
A.B., Mt. Holyoke, 1914
- Murphy, Marie Virginia                  Covington, Ky.  
B.S., 1915. *Fine Arts*
- Murray, Effingham C.                   New York City  
A.B., Haverford, 1905
- Murtland, Cleo                            New York City  
B.S., 1918. *Vocational Education*
- Myers, Charles Everett                  Summersville, W. Va.  
B.S., West Virginia, 1914; A.B., Illinois, 1913. *Rural Education*
- Needham, Mary Leetha                   Modesto, Cal.  
A.B., California, 1915. *Religious Education*
- Nesmith, Mary Ethel                      Lake City, S. C.  
B.S., 1912
- Nichols, Marjorie                        Orange, N. J.  
A.B., 1918. *English*
- Nickel, Gilbert                            Glen Cove, N. Y.  
A.M., Lafayette, 1915; A.B., Lafayette, 1913. *Administration*
- Noffsinger, John S.                       Brooklyn, N. Y.  
A.M., Chicago, 1915; A.B., Mt. Morris, 1910
- Norman, James William                Hartwell, Ga.  
A.M., Harvard, 1912; A.B., Mercer, 1906. *Secondary Education*
- Notson, Louise                            Mitchell, S. D.  
A.B., Dakota Wesleyan, 1911



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|-----------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------|-------------------------------------|
| Oak, Dorothy<br>A.B., 1918. <i>Biology</i>                                                          | New York City         | Poor, Martha Viola<br>A.B., Wellesley, 1903                                                     | Hillside, Me.                       |
| Oller, Marie<br>A.M., 1913; B.L., Smith, 1903.                                                      | New York City         | Poull, Louise Elizabeth<br>B.S., 1917. <i>Psychology</i>                                        | Ellensburg, Wash.                   |
| O'Neill, Alexander Joseph<br>A.B., C. C. N. Y., 1916. <i>English</i>                                | New York City         | Prichard, Mahala Dorcus<br>A.B., West Virginia, 1910. <i>Education</i>                          | Fairmont, W. Va.                    |
| Orr, Adelaide<br>A.B., Wellesley, 1912. <i>Nutrition</i>                                            | Cincinnati, Ohio      | Prichard, Nell<br>A.B., West Virginia, 1917. <i>Institutional Administration</i>                | Fairmont, W. Va.                    |
| Orr, Ethel M.<br>B.S., 1916                                                                         | Pittsburgh, Pa.       | Pryor, Elizabeth Durrin<br>A.B., Vassar, 1906                                                   | New York City                       |
| Ortman, Elmer John<br>A.B., Oregon, 1917                                                            | Newport, Ore.         | Pryor, Hugh Clark<br>A.M., 1917; A.M., Colorado, 1912; A.B., Colorado, 1911                     | New York City                       |
| O'Shea, Harriet E.<br>A.M., 1917; B.S., Wisconsin, 1916                                             | Madison, Wis.         | Pyle, Edna E.<br>A.B., Emporia, 1910. <i>Sociology</i>                                          | Tulsa, Okla.                        |
| Osler, Florence Christine<br>B.S., Mills, 1916. <i>Institutional Administration</i>                 | Los Angeles, Cal.     | Rabus, Maximilian<br>Radcliff, Clara Adrianna<br>A.B., 1918. <i>History</i>                     | Moosburg, Bavaria<br>Yonkers, N. Y. |
| Ostrander, Gretchen Pond Schuylerville, N. Y.<br>B.S., 1918. <i>Kindergarten Education</i>          | Schuylerville, N. Y.  | Rade, Marie Sophia<br>A.B., Adelphi, 1917                                                       | New York City                       |
| Osuna, John Joseph<br>A.B., State College, 1912. <i>Administration</i>                              | Hamilton, Ohio        | Rae, Anne Mutch<br>A.B., 1906; A.B., Hunter, 1903. <i>Secondary Education</i>                   | Brooklyn, N. Y.                     |
| Ou, Yuan Hwai<br>A.B., Southwestern, 1918. <i>Administration</i>                                    | Hingwa, Fukien, China | Randall, Laura<br>B.S., Minnesota, 1917                                                         | Boston, Mass.                       |
| Page, Frank Russell<br>A.B., Harvard, 1896                                                          | Staten Island, N. Y.  | Rauscher, Anna Marion<br>B.S., 1913. <i>Mathematics</i>                                         | Grantwood, N. J.                    |
| Panlasigui, Isidore<br>A.B., Cornell, 1918. <i>Religious Education</i>                              | Vigan, P. I.          | Raynor, Anne Washington<br>Ph.B., Chicago, 1917.                                                | Leonia, N. J.                       |
| Parker, Charles L. (Mrs.)<br>A.B., Texas, 1917. <i>Mathematics</i>                                  | Odessa, Tex.          | Reavis, George Howe<br>A.M., 1916; B.S., Missouri, 1911. <i>Administration</i>                  | Baltimore, Md.                      |
| Parson, Martha Cornelia<br>A.B., Wellesley, 1917. <i>Religious Education</i>                        | Ridgewood, N. J.      | Redman, Laura Packard (Mrs.),<br>A.B., Vassar, 1906                                             | New York City                       |
| Patton, Martha Huntingdon<br>B.S., 1918                                                             | New York City         | Reed, Ruth Esther<br>A.B., Grinnell, 1907                                                       | Algona, Iowa                        |
| Paul, Gladys<br>A.B., Colby, 1914                                                                   | Eliot, Me.            | Reidy, Katharine Louise<br>B.S., 1918.                                                          | New York City                       |
| Paxton, Gertrude Curtiss<br>B.S., Iowa State, 1904. <i>Household Arts</i>                           | Nevada, Ia.           | Reilly, Leola Thrasilla<br>B.S., St. Elizabeth Coll., 1917. <i>Institutional Administration</i> | Elizabeth, N. J.                    |
| Pearce, Helen Eliza<br>A.B., Smith, 1915. <i>Biology</i>                                            | Plainfield, N. J.     | Reimherr, Frederick William<br>A.B., Colgate, 1907                                              | Orange, N. J.                       |
| Peebles, Waldo Cutler<br>A.B., Harvard, 1917. <i>Education</i>                                      | Yonkers, N. Y.        | Reuther, Edward Arthur<br>B.S., 1911. <i>Vocational Education</i>                               | Westfield, N. J.                    |
| Pendleton, Constance<br>B.S., 1909. <i>Household Arts Education</i>                                 | Bryn Athyn, Pa.       | Rexroth, Elizabeth<br>A.B., Ohio Wesleyan, 1907. <i>Religious Education</i>                     | Marion, Ohio                        |
| Phillips, Edna K.<br>Ph.B., Hunter, 1895                                                            | New York City         | Reynolds, Annie<br>Ph.B., Chicago, 1903. <i>Elementary Supervision</i>                          | Madison, Wis.                       |
| Pider, Myrtle Zoa<br>A.M., Northwestern, 1911; A.B., Northwestern, 1910. <i>Religious Education</i> | Mankato, Kan.         | Rheinhold, Robert Max<br>A.B., Michigan State Normal, 1918                                      | New York City                       |
| Pierce, Evelina<br>A.B., Vassar, 1902                                                               | New York City         | Rhodes, Earl N.<br>Ph.B., Chicago, 1912                                                         | Winnetka, Ill.                      |
| Pilling, Elizabeth<br>A.B., Wellesley, 1915. <i>Nursing Education</i>                               | New York City         | Riblet, Mary Varian<br>A.M., 1905; B.S., 1903                                                   | New York City                       |
| Pinger, Lulu M.<br>Ph.B., Colorado, 1902. <i>Mathematics</i>                                        | Leadville, Col.       | Riggs, Lucy Young<br>A.B., Kansas, 1899                                                         | Lawrence, Kan.                      |
| Pittman, Marvin Summers<br>A.M., Oregon, 1918; A.B., Millsops, 1905. <i>Rural Education</i>         | Monmouth, Ore.        |                                                                                                 |                                     |
| Polk, Samuel Joseph<br>B.S., C. C. N. Y., 1918. <i>History</i>                                      | New York City         |                                                                                                 |                                     |

- Ritchie, Margaret Bay City, Mich.  
B.S., 1918
- Robinson, Anna E. New York City  
A.M., N. Y. U., 1911; A.B., Hunter, 1900
- Robinson, Ethel Maria East Orange, N. J.  
B.S., 1917
- Robinson, Mary Elizabeth  
B.S., 1915 St. Johns, N. B., Canada
- Robinson, William McKinley Wauseon, Ohio  
B.S., Hiram, 1916
- Rockwell, Lillie May, Berkeley Springs, W. Va.  
A.B., Goucher, 1912
- Roe, Chungil Yhan Chinnampo, Pyung Yaung, Korea  
A.B., Ohio Wesleyan, 1918. *Religious Education*
- Rosenthal, Abraham New York City  
B.S., 1918. *Physical Education*
- Rosenberry, John R. Edgewater, N. J.  
E.E., Lafayette, 1911. *Industrial Arts*
- Ross, Mary Howell Baldwin, Kan.  
A.B., Baker, 1912
- Rust, Elsa G. Hackensack, N. J.  
B.S., 1916
- Sabine, Harold Francis Mt. Vernon, N. Y.  
Ph.B., Hamilton, 1909
- Sailer, Josephine Englewood, N. J.  
A.B., 1918. *English*
- Sanford, Robert George Leonardo, N. J.  
A.B., Yale, 1905
- Sangster, Frank Ossining, N. Y.  
A.B., Iowa, 1915. *Industrial Arts*
- Saxman, Ethel Julia La Trobe, Pa.  
B.S., 1918. *Physical Education*
- Sayles, Marie Flint, Mich.  
B.S., 1914. *Rural Education*
- Schoening, Frederick Conrad New York City  
B.S., 1918
- Scholes, Bonnie Elizabeth Santa Barbara, Cal.  
B.S., Wisconsin, 1912. *Nutrition*
- Schroyer, Chester Franklin Loganton, Pa.  
A.B., Bucknell, 1918
- Schupper, Charles Brooklyn, N. Y.  
A.B., N. Y. U., 1917. *History of Education*
- Schwarz, Mae Louise Paterson, N. J.  
B.S., 1918. *Physical Science*
- Sears, Jesse Brundage Palo Alto, Cal.  
A.B., Leland Stanford, 1909. *History of Education*
- Selby, Forest Tobias Oxford, Ohio  
B.S., Miami, 1915. *Industrial Education*
- Seneker, James Seehorn Menden, Mo.  
B.D., Vanderbilt, 1912; A.B., Missouri, 1910. *Religious Education*
- Shachtman, Joseph Brooklyn, N. Y.  
A.B., C. C. N. Y., 1918. *English*
- Shaffer, Thomas Carlyle Narberth, Pa.  
A.M., Pennsylvania, 1911; A.B., Pennsylvania, 1910. *History*
- Sharot, Mary Elizabeth Brooklyn, N. Y.  
A.B., Adelphi, 1914
- Shaver, Edwin L. Eau Claire, Wis.  
A.M., Wisconsin, 1918; A.B., Lawrence Coll., 1913
- Shaw, Frank Leslie New York City  
A.M., 1918; LL.B., Georgetown, 1911; A.B., Tufts, 1904. *Administration*
- Sherer, Gertrude Roberts Worcester, Mass.  
A.M., Leland Stanford, 1917; B.L., Smith, 1901
- Shilling, Robert Edward Dover, Del.  
Ph.B., Dickinson, 1912
- Shor, Gustave New York City  
A.B., C. C. N. Y., 1917. *English*
- Short, Jenoise Brown (Mrs.) Brooklyn, N. Y.  
B.S., Wisconsin, 1914
- Shupp, Dorothea Louise W. Philadelphia, Pa.  
B.S., 1916
- Sinclair, J. Edwin Newark, N. J.  
A.M., 1907; B.S., 1906
- Skinner, Gertrude Eliza Brooklyn, N. Y.  
B.S., 1912. *Education*
- Smalling, Drue Clinton Bell Buckle, Tenn.  
A.B., Washington, 1915. *English*
- Smith, Agnes Blanche Round Mountain, Tex.  
A.B., Southwestern, 1918
- Smith, Blanche A. Elba, Mich.  
B.S., Michigan Agricultural Coll., 1918. *Foods, Nutrition, and Sanitation*
- Smith, Frederick Newton, East Worcester, N. Y.  
A.B., Princeton, 1907. *Administration*
- Smith, Milton Myers New Haven, Conn.  
A.B., Clark, 1912
- Smith, Switzer Warren New York City  
B.S., N. Y. U., 1918
- Snider, Adda Latta Hastings, Neb.  
A.B., Nebraska Wesleyan, 1911. *English*
- Snow, Minnie Rose East Hampton, Conn.  
Ph.B., Wesleyan, 1897. *Mathematics*
- Snyder, Arrietta New York City  
A.B., 1905
- Snyder, Christine Effie (Mrs.) Rahway, N. J.  
B.S., State College, 1908
- Soltes, Mordecai Brooklyn, N. Y.  
A.M., 1918; B.S., N. Y. U., 1915. *Educational Administration*
- Sommerman, Susan L. Southville, Mass.  
A.B., Wellesley, 1917. *Educational Psychology*
- Sones, Mabel Vera Anamosa, Iowa  
A.B., Coe, 1915
- Sparrow, Caroline Elizabeth New York City  
B.S., 1919. *Nursing*
- Spicer, Edith May Cincinnati, Ohio  
A.B., De Pauw, 1914. *Education*
- Spicer, Lucy Elizabeth Gunnison, Colo.  
A.B., Chicago, 1905
- Stern, David Sussman New York City  
A.M., 1916; B.S., 1915

- Stewart, Harold Dean                      Newark, N. J.  
A.B., Ursinus, 1907
- Stocker, Stella Prince                      New York City  
A.B., Michigan, 1880
- Storms, Lillian Boynton                      Berea, Ohio  
B.S., Iowa, 1908. *Nutrition*
- Stinson, Harriet Cunningham                      Lunenburg, Mass  
A.B., Radcliffe, 1905
- Strong, Margaret Hart                      New York City  
A.B., 1911. *Psychology*
- Streid, Freda Irene                      Washington, Ill.  
Ph.B., Chicago, 1917; A.B., Bluffton, 1916.  
*Household Arts*
- Stukey, Arthur E.                      New York City  
B.S., Alfred, 1910
- Sturdevant, Alice                      Penn Yan, N. Y.  
B.S., Elmira, 1916
- Sturtevant, Sarah Martha                      Hollister, Cal.  
A.B., California, 1904. *Adviser of Women*
- Suchoff, Libbie                      New York City  
A.M., 1915; A.B., Hunter, 1911
- Summy, Ethel Isabelle                      Washington, D. C.  
A.B., George Washington, 1918
- Super, Edith Murray                      Lansdowne, Pa.  
A.B., Dickinson, 1902. *Nursing*
- Swann, Ann Perkins                      Plainfield, N. J.  
A.B., Vassar, 1917. *Religious Education*
- Sweet, Mary Bailey                      Topeka, Kan.  
A.B., Kansas, 1903
- Swett, Carolyn Patte                      New York City  
B.L., Smith, 1895
- Swift, Elizabeth Andrews                      New York City  
A.B., Illinois, 1909
- Sylvan, Frances Elizabeth                      Columbia, S. C.  
A.M., South Carolina, 1916; A.D., College  
for Women, Columbia, S. C., 1915. *English*
- Sylvester, Grace Evelyn                      West Acton, Mass.  
Ph.B., Vermont, 1910
- Takayama, William Kiyashi                      Meguro, Tokyo, Japan  
A.M., 1918; A.B., Higher Normal School,  
Tokyo, Japan, 1912. *Sociology*
- Talbot, John Edgar                      Bowling Green, Ohio  
A.B., Nebraska Wesleyan, 1910
- Talbot, LaFayette                      Ridgefield, N. J.  
A.M., N. Y. U., 1907; B.S., N. Y. U., 1905;  
Pd.D., N. Y. U., 1898; Pd.M., N. Y. U.,  
1895. *Administration*
- Taylor, Jeannette Stuart                      Brooklyn, N. Y.  
A.M., 1908; A.B., Vassar, 1904
- Taylor, Howard Frank                      New York City  
A.M., Chicago, 1906; A.B., Yale, 1902
- Tenrosen, Daniel                      New York City  
A.B., C. C. N. Y., 1914
- Terry, Eva                      Summit, N. J.  
A.B., Wellesely, 1901
- Thibadeau, Marie                      Niagara Falls, N. Y.  
A.B., Wellesley, 1918. *Fine Arts Education*
- Thomas, Guy Revere                      Brooklyn, N. Y.  
B.S., Pennsylvania (Gettysburg, Pa.), 1905.  
*Physical Science*
- Thomas, Tilla Pearl                      Youngstown, Ohio  
A.B., Western Reserve, 1914. *French*
- Thompson, Margaret Logan                      Tarkio, Mo.  
A.B., Tarkio, 1916. *Kindergarten Education*
- Thornhill, Gertrude Permelia                      Wellston, Ohio  
A.B., Ohio, 1918. *English*
- Thrall, Elsie Hunting                      Angelica, N. Y.  
B.S., 1917. *French*
- Tierney, Evelyn Bertha                      Elma, Iowa  
A.B., Iowa State Teachers Coll., 1918. *Psy-  
chology*
- Tindall, Glenn Means                      Shelbyville, Ind.  
A.B., Northwestern, 1916
- Tinsley, John Alexander                      Barboursville, Ky.  
A.B., Michigan, 1916. *Administration*
- Townsend, Cora H. Whitaker (Mrs.)                      Mt. Vernon, N. Y.  
A.M., Brown, 1906; A.B., Brown, 1905
- Touton, Frank Charles                      Edgerton, Wis.  
A.M., 1917; Ph.B., Lawrence, 1901. *Sec-  
ondary Education*
- Tremper, Clara Louise                      Rhinebeck, N. Y.  
B.S., 1913
- Trube, Jessie Maud                      Yonkers, N. Y.  
B.S., 1904. *Kindergarten Supervision*
- Tsai, Choming                      Peking, China  
A.M., Ohio, 1918; A.B., Miami, 1917
- Tucker, Halcyon Louise                      South Orange, N. J.  
A.B., Vassar, 1918. *Mathematics*
- Tupper, Sarah Spalding                      New York City  
B.S., 1917. *Household Arts*
- Turley, Anna May                      Orleans, Ind.  
B.S., Purdue, 1910
- Turnbull, Annie Grace                      Orange, N. J.  
A.B., 1908
- Tyndale, Elsie Honn (Mrs.)                      Minneapolis, Minn.  
A.M., Utah, 1911; Ph.B., Chicago, 1901.  
*Psychology*
- Tyson, Edna Anna                      West Reading, Pa.  
A.B., Swarthmore, 1909. *English*
- Urban, Ladislav                      New York City  
A.M., 1917
- Van Schaick, Lemuel W.                      Scarsdale, N. Y.  
A.M., 1915; A.B., Colgate, 1904. *Admin-  
istration*
- Vanuxem, Louisa                      Newark, N. J.  
B.S., 1916. *Household Arts*
- Van Wagemen, Mary Lacy                      Orange, N. J.  
A.B., Bryn Mawr, 1909
- Vautrin, Minnie                      Secor, Ill.  
A.B., Illinois, 1912. *Supervision of Foreign  
Schools*
- Voelker, Paul Frederick                      New York City  
A.M., Drake, 1907; B.Ph., Drake, 1906;

- Vollintine, Grace Lincoln, Neb.  
Ph.B., Chicago, 1917. *Elementary Supervision*
- Wallace, C. Earl New York City  
A.B., Northwestern, 1912. *Industrial Arts*
- Walsh, John Vincent New York City  
A.B., C. C. N. Y., 1904
- Wang, Wen-Pei Peking, China  
A.M., 1918; B.S., Pennsylvania, 1917. *Sociology*
- Wanner, Dora Elizabeth Shillington, Pa.  
B.S., 1916. *Elementary Education*
- Ward, Elizabeth Harrison Oneonta, N. Y.  
B.S., 1910. *Fine Arts*
- Ward, William Anthony Long Branch, N. J.  
A.B., University of America, 1914
- Warner, Katherine Gale Wooster, Ohio  
A.B., Baldwin-Wallace, 1915. *Social-Religious Work*
- Watkins, Clyde Howard Nevada, Tex.  
A.B., Yale, 1915; A.B., Baylor, 1912
- Watts, Marie Loretta Piermont, N. Y.  
A.B., St. Elizabeth, 1917
- Webb, Ethel Willard Mt. Vernon, N. Y.  
A.M., 1916; A.B., 1913. *History*
- Wedin, Jessie Isabelle Grantsburg, Wis.  
B.S., 1917
- Welch, Alberta M. New York City  
A.M., 1908; A.B., Wellesley, 1895. *Mathematics*
- Wells, Edna Marie New York City  
A.B., Hunter, 1916. *Fine Arts*
- Welton, William DeForest, New Rochelle, N. Y.  
B.S., Alfred, 1913. *Physical Science*
- Wessner, Anna Essie Allentown, Pa.  
B.S., 1915. *Household Arts*
- Westfall, Martha New York City  
B.S., 1915
- Wheat, Frank Merrill New York City  
A.M., 1910; D.Sc., Kentucky, 1907; B.L., Kentucky, 1906; B.S., Kentucky, 1905
- Whinery, Smiley M. Warren, Ind.  
A.M., Indiana, 1917; B.S., Indiana, 1916. *Administration*
- Whitaker, Ruth Lincoln Chicago, Ill.  
A.B., Illinois, 1912. *History*
- White, Margaret Chester, S. C.  
A.B., Hollins, 1917. *Household Arts Education*
- White, Mary Louisa Norfolk, Va.  
A.B., Randolph-Macon, 1903
- Whitney, Henry James Ellensburg, Wash.  
B.S., Northwestern, 1905. *Vocational Education*
- Wiener, Anna Marie New York City  
A.B., Hunter, 1918. *Science*
- Wiggins, Theodore DuBois New York City  
A.M., 1918; B.S., 1917
- Wilbur, Howard Fall River, Mass.  
B.S., Harvard, 1914. *Administration*
- Wilkinson, James G. Scarborough-on-Hudson, N. Y.  
B.S., Northwestern, 1906
- Williams, Ben McGee Statesboro, Ga.  
A.B., Mercer, 1915
- Williams, Ethel Joy Ottawa, Kan.  
A.B., Ottawa, 1916
- Williams, Jennie Emporia, Kan.  
A.B., Kansas State Normal, 1910. *Elementary Supervision*
- Williams, Milton Maurice Fredericktown, Ohio  
A.B., Ohio Wesleyan, 1914
- Williamson, Effie May New York City  
B.S., 1917
- Wilson, Christine Towne East Orange, N. J.  
A.B., Mt. Holyoke, 1917
- Wilson, Jacob Brooklyn, N. Y.  
A.B., Cornell, 1919. *Spanish*
- Wilson, Lester MacLean Charleston, Ill.  
A.M., Chicago, 1909; A.B., Park, 1906
- Wilson, Sarah Moore Philadelphia, Pa.  
B.S., 1909. *Household Arts*
- Winans, Edward Jones Peking, China  
A.M., Oxford, 1913; A.B., Oxford, 1910; A.B., Williamette, 1907
- Winans, Josephine Fearon Ironton, Ohio  
B.S., Michigan, 1908. *Household Arts*
- Wolchuck, Harry Jacob New York City  
B.S., Chicago, 1918
- Wolo, Plenyono Gbe Grand Ceos, Liberia, West Africa  
A.B., Harvard, 1917
- Wong, Mao Tao Soochow, Kiangsu, China  
B.S., 1918. *Philosophy of Education*
- Wood, LaVergne Racine, Wis.  
A.M., 1918; A.B., Wisconsin, 1910. *Mathematics*
- Woodin, Hilda Bernicia New York City  
A.B., California, 1917. *English and History*
- Woodsworth, Harold F. Kingston, Ont., Canada  
A.B., Toronto, 1907
- Yanowski, Felix Athens, W. Va.  
B.S., West Virginia, 1908. *Administration*
- Zehmer, George Barkerville McKenney, Va.  
B.S., William and Mary, 1916. *Administration*
- Zienfeld, Minnie New York City  
A.B., Hunter, 1918. *History*
- Ziegler, Olive Irene Toronto, Canada  
A.B., Toronto, 1914
- Zouck, Ada Elizabeth Reisterstown, Md.  
A.B., Goucher, 1916. *English*

#### UNCLASSIFIED STUDENTS IN EDUCATION

- Abramson, Blanche B. New York City  
Adams, Mary Rebecca Sterling, Kan.  
Akers, Matilde H. Lambertville, N. J.



|                                |                                   |                                 |                              |
|--------------------------------|-----------------------------------|---------------------------------|------------------------------|
| Allard, Lucile Edna            | Pueblo, Col.                      | Black, Ethel Isabel             | Worthington, Minn.           |
| Allen, Grace Amelia            | Oswego, N. Y.                     | Blackwell, Anna King            | Washington, D. C.            |
| Allen, Harold B.               | Leonardo, N. J.                   | Blumborg, Hilda                 | New York City                |
| Allen, Irene Verita            | Newburgh, N. Y.                   | Boddy, Grace                    | Denver, Colo.                |
| Allen, Mary Scott              | New York City                     | Boezinger, Lydia Marie          | Palo Alto, Cal.              |
| Allen, Virginia Cullom         | New York City                     | Bornstein, Helen                | New York City                |
| Amadeo, Teresa                 | Guaynabo, P. R.                   | Boryer, Mary Grace              | Hagerstown, Md.              |
| Amerman, Ada M. W. (Mrs.)      | Scranton, Pa.                     | Boyle, Isabel                   | Brooklyn, N. Y.              |
| Amundsen, Martha Jonine        | Bemidji, Minn.                    | Bradt, Gertrude Elizabeth       | Castile, N. Y.               |
| Anderson, Sarah Davis          | Bayonne, N. J.                    | Brett, Edith Marilla            | Flushing, N. Y.              |
| Andrews, Mary Todd             | Harlock, Md.                      | Briggs, Annie Bennett           | New York City                |
| Andrews, Susan May             | Bridgeport, Conn.                 | Briggs, Grace Warren            | Englewood, N. J.             |
| Ansaneli, Vandalia Madeleine,  | New York City                     | Brill, Eleanor Leola            | New York City                |
| Ansley, Margaret L.            | Birmingham, Ala.                  | Bristow, Alice Andrews          | New York City                |
| Arason, Steingrímur            | Reykjavik, Grundorstig 3, Iceland | Brogdon, Harriette Britton      | Richmond, Va.                |
| Arlinghaus, Elizabeth Mary     | Weehawken Heights, N. J.          | Brooks, Leta                    | Waco, Tex.                   |
| Arnold, Charlotte              | New York City                     | Brown, Cecile                   | New York City                |
| Austin, Margaret Hyde          | Fitchburg, Mass.                  | Browne, Caroline Ella           | West Bloomfield, N. Y.       |
| Auston, Ethel Lillian          | Brookings, S. D.                  | Browne, Hetty Sibyl (Mrs.)      | Rock Hill, S. C.             |
| Azadian, Arous Hovanes         | Smyrna, Asia                      | Buchanan, Jamesena              | Yonkers, N. Y.               |
| Babb, Helen Hannah             | West Philadelphia, Pa.            | Buckpitt, May Argul             | Independence, Kan.           |
| Babcock, Harriet H. (Mrs.)     | Westerly, R. I.                   | Bull, Marion Loder              | Cortland, N. Y.              |
| Bagley, Helen Goltra (Mrs.)    | New York City                     | Bullis, Jeanette                | New York City                |
| Baker, Mary Louise             | Lockport, N. Y.                   | Burke, Vincent Patrick          | St. John's, N. F.            |
| Baldwin, Elizabeth Marcia      | Newark, N. J.                     | Burke, Viola Grace              | Kearney, Neb.                |
| Baldwin, Helen L.              | Elmhurst, N. Y.                   | Butterfield, Eugenie Mae (Mrs.) | Newark, N. Y.                |
| Ball, I. Grace                 | New York City                     | Byerly, Anne Elizabeth          | Wuchang, China               |
| Ballew, Zula Zong              | Emory, Tex.                       | Cadoo, Sarah                    | Summit, N. J.                |
| Ballou, Ethel LaVerne          | Superior, Wis.                    | Carr, Cornelia Archbold         | Bristol, Pa.                 |
| Balmaseda, Esperanza           | Mexico City, Mex.                 | Carroll, Mary Evelyn            | Oswego, N. Y.                |
| Banker, Carolyn Elizabeth      | New York City                     | Center, Augusta Blanchard       | Forsyth, Ga.                 |
| Barnes, Arthur E.              | Clyde, N. Y.                      | Chang, Ching Yu                 | Pootlingfu, Chihli, China    |
| Barnes, Ethel Dalrymple        | Fort Worth, Tex.                  | Chang, Sophia M. K.             | Shanghai, China              |
| Barrows, Bernice Esther        | Carver, Mass.                     | Chappell, Cleo R.               | Kearney, Neb.                |
| Bartlett, Clare                | Great Notch, N. J.                | Chase, Sara Elizabeth           | Keene, N. H.                 |
| Bartlett, Lucy Vaupel          | New York City                     | Chuang, Chai Hsuan              | Foochow, China               |
| Basmadjian Khoren Arttale      | Asia Minor                        | Clark, Ruth Jacob (Mrs.)        | New York City                |
| Bassett, Katherine Elizabeth   | Oswego, N. Y.                     | Cochran, Mary F.                | Greeley, Colo.               |
| Baum, Horatio Peter            | Briarcliff Manor, N. Y.           | Cole, Carabel                   | Westfield, N. J.             |
| Beddall, Lois Mary             | Ellsworth, Wis.                   | Coleman, Constance Lamb         | New York City                |
| Beecher, Emily                 | New Haven, Conn.                  | Collins, Barbara Engel (Mrs.)   | New York City                |
| Beers, Carrie Evelyn           | New York City                     | Condit, Elizabeth Cary          | New York City                |
| Beisel, Anne Louise            | La Crosse, Wis.                   | Connell, Claire Eileen          | Parsons, Pa.                 |
| Belden, Ethel A.               | Springfield, Mass.                | Conover, Beulah Rachel          | N. Plainfield, N. J.         |
| Belmont, Harriet A.            | New York City                     | Cook, Zeina Eulou               | Edmonds, Wash.               |
| Bennett, Agnes L.              | Hackensack, N. J.                 | Cooke, Blanche Ellen            | Dobbs Ferry, N. Y.           |
| Bensinger, Margaret Frances    | Summit, N. J.                     | Cooke, Viola Louisa             | Rahway, N. J.                |
| Benson, Helen Moore            | Roselle, N. J.                    | Cookingham, Bertha Adelia       | Red Hook, N. Y.              |
| Bent, Julia Etta               | Glens Falls, N. Y.                | Cooley, Adelaide Johnson        | Newagen, Me.                 |
| Berkley, Nina Frederica        | Mission Hill, S. D.               | Cooley, Marion M.               | Waterloo, Iowa               |
| Bernheim, Lea Iplugine         | Cincinnati, Ohio                  | Cormier, Edith M.               | Breaux Bridge, La.           |
| Bilderback, Willis Edward      | Keyport, N. J.                    | Coughlin, John                  | New York City                |
| Bigelow, Gertrude Isabel       | Norund, Mass.                     | Coutler, Jane E. (Mrs.)         | Vernonville, Ontario, Canada |
| Bingham, Marie Cogswell (Mrs.) | Madison, N. J.                    | Courtis, Stuart Appelton        | Detroit, Mich.               |
| Bird, Susie                    | Bellefourchi, S. D.               | Coykendall, Mary Helen          | Philadelphia, Pa.            |
| Birmingham, Agnes Veronica     | New York City                     | Craig, Mary Anderson            | Rock Hill, S. C.             |
|                                |                                   | Cross, Nellie Billington (Mrs.) | Fultonville, N. Y.           |

|                              |                     |                                |                           |
|------------------------------|---------------------|--------------------------------|---------------------------|
| Crowley, Etta C.             | New York City       | Fulton, Jane                   | Mt. Vernon, N. Y.         |
| Culver, Helen Balch (Mrs.)   | Seattle, Wash.      | Gabrielson, Mary               | Hutchinson, Kan.          |
| Cunningham, Lilla            | Norristown, Pa.     | Gale, Ethel Blanche            | Moberly, Mo.              |
| Cunningham, Mabelle Louise   | Cleveland, Ohio     | Gardner, Willard Byron         | Cedarhurst, L. I.         |
| Daniels, Ethel               | Sag Harbor, N. Y.   | Garfield, Elva Ruth            | Wessington, S. D.         |
| Darcy, Margaret C.           | Elmhurst, L. I.     | Garland, Kate Conover          | New Brunswick, N. J.      |
| Davidson, Isobel             | LaPorte, Ind.       | Garst, Gretchen                | New York City             |
| Davis, Magdalene             | Ebensburg, Pa.      | Garvin, Alice Esther           | Middletown, Conn.         |
| Davis, Mary B.               | Greenville, S. C.   | Gebhardt, Erma Rode            | Erie, Pa.                 |
| Davis, Mary Dabney           | New York City       | Geddes, Grace                  | Newton Ill.               |
| Dawson, Marjorie Eccles      | Jersey City, N. J.  | George, Jennie W.              | Rochester, N. Y.          |
| Day, Ellen                   | Cedarhurst, L. I.   | Getz, Elizabeth Miller         | New York City             |
| De Lima, Lucie (Mrs.)        | New York City       | Giery, Mary E.                 | Long Island City, L. I.   |
| Deming, Lucile               | New York City       | Gifford, Mary Elizabeth        | Yonkers, N. Y.            |
| den Bleyker, Anne            | Kalamazoo, Mich.    | Gilfoy, John Francis Xavier    | Brooklyn, N. Y.           |
| Deuscher, Valerie            | New York City       | Gill, Elizabeth Ingersoll      | Hackensack, N. J.         |
| Dick, Florence Estelle       | Yonkers, N. Y.      | Given, Bertha                  | Dumont, N. J.             |
| Dieffenbacher, Agnes Edna    | Yonkers, N. Y.      | Glasser, Forrest Grover        | Butler, N. J.             |
| Dobbin, Benjamin             | Port Chester, N. Y. | Glover, Clara Sangle (Mrs.)    | Bronxville, N. Y.         |
| Dodge, Susan Maretta         | Longmeadow, R. I.   | Gordon, Mary Magdalene         | New York City             |
| Donohugh, Emma Edith         | Cynwnd, Pa.         | Grace, M. Annie                | Hamilton, Md.             |
| Dowell, Dorothy Antoinette   | Northampton, Mass   | Graham, Grace Caroline         | Yonkers, N. Y.            |
|                              |                     | Greene, Isa Allene             | Fort Scott, Ky.           |
| Dryden, Grace Hannah         | Copenhagen, N. Y.   | Gross, Sophia Katherine        | New York City             |
| Duchesne, Irene Mary         | Plainfield, N. J.   | Grzywacz, Leona Augusta        | Ridgewood, N. J.          |
| Dudley, Charlotte            | New York City       | Guillet, Alma Clark            | New York City             |
| Duggan, Janie Prichard       | Clayton, Ga.        | Gunther, Theresa Charlotte     | Hackensack, N. J.         |
| Durboraw, Augusta S.         | New York City       | Hahn, Elizabeth Marie          | Cornwall-on-Hudson, N. Y. |
| Durboraw, Ethel Bauta (Mrs.) | Lamoni, Iowa        |                                |                           |
| Edwards, Grace               | New York City       | Hall, Jessie Elizabeth (Mrs.)  | New York City             |
| Eisenhauer, Lulu J.          | Ridgewood, N. J.    | Hall, Maude Manuell            | Atlanta, Ga.              |
| Ellison, Grace Flora         | Superior, Neb.      | Hamill, Josephine Elizabeth    | East Jaffrey, N. H.       |
| Elmore, Lillian Myrtle       | Swarthmore, Pa.     | Hammond, Charles Wesley        | Edgewood, Iowa            |
| Emmons, Mary                 | Weehawken, N. J.    | Hannon, Bess Adelia Lee        | Chautauqua, N. Y.         |
| Ennis, Evelyn                | New York City       | Hanrahan, Loretta Louise       | Bath, N. Y.               |
| Everett, Marcia              | New York City       | Hardie, Orla V.                | Port Chester, N. Y.       |
| Fairlamb, Blanche Armstrong  | Chester, Pa.        | Harding, Mary Elizabeth        | Grand Rapids, Mich.       |
| Fales, Roy George            | Buffalo, N. Y.      | Harrelson, Helen               | Belton, Mo.               |
| Faison, Martha Hicks         | New York City       | Harrington, Mary K.            | Woodhaven, L. I.          |
| Ferguson, Ethel Louise       | Skanateles, N. Y.   | Harrison, Anna Clarissa        | Chatham, N. J.            |
| Ferrigian, Nancy Katherine   | New York City       | Hatch, William Drummond (Mrs.) | New York City             |
| Ferris, Florence L.          | New York City       |                                |                           |
| Finn, Claire Helen           | Winsted, Conn.      | Hausam, Winnifred May          | Chicago, Ill.             |
| Finney, Ross L.              | New York City       | Hayes, Katherine Agatha        | New York City             |
| Firor, Mabel C.              | Baltimore, Md.      | Hazard, Helen Holiston         | Rock Island, Ill.         |
| Fitzpatrick, Corinne M.      | Greenwich, Conn.    | Heck, Pauline                  | Paterson, N. J.           |
| Flinn, Emma                  | LaGrange, Ill.      | Hemingway, Grace               | Oak Park, Ill.            |
| Forbes, Arabel Fellows       | Northampton, Mass.  | Henderson, Josephine           | Titusville, Pa.           |
| Ford, Ellen P.               | New York City       | Hennessy, Edward Thomas        | Scarsdale, N. Y.          |
| Fowlkes, John Guy            | New York City       | Hermansen, Ruth Amanda         | New York City             |
| Franke, Wilhelmina Theodosia | Anchorage, Ky.      | Herrig, Anna Bertha            | Saginaw, Mich.            |
| Franken, Richard Benjamin    | New York, N. Y.     | Hersey, Katharine Frances      | Scarboro, N. Y.           |
| Fraze, Laura Antoinette      | Indianapolis, Ind.  | Hersom, Hortense               | Belgrade Lakes, Me.       |
| Freeland, Daisy Taylor       | Garfield, N. J.     | Hicks, Grace DeWitt            | Scranton, Pa.             |
| Freeland, Grace Alba         | Summit, N. J.       | Hilbert, Marie Louise          | New York City             |
| Freeman, Grace Margaret      | East Orange, N. J.  | Hilker, Hedwig W. D.           | Crestwood, N. Y.          |
| Friedland, Abraham H.        | New York City       | Hilton, Elizabeth              | East Orange, N. J.        |
| Fuentes, Alfonso Alracez     | Habana, Cuba        | Hoag, Dorothy Moore            | Pueblo, Col.              |
| Fuller, Rachel Anne          | New Haven, Conn.    | Hoagland, Mary C.              | Elizabeth, N. J.          |

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| Hodgson, Fred J.                         | Paterson, N. J.       | Lewis, Lillian                   | Brooklyn, N. Y.      |
| Holden, Dorothy Berrian                  | Millis, Mass.         | Light, Ralph Herman              | Westfield, N. J.     |
| Horrigan, Margaret Cecile                | New York City         | Lindman, Ina Sigrid              | Philadelphia, Pa.    |
| Howe, Althine                            | Springfield, Mass.    | Lindsay, Isabel Mary             | Montreal, Canada     |
| Howes, Vera Blake                        | Hudson, Mich.         | Lindsay, Nora                    | Montreal, Canada     |
| Hoyt, Louise                             | Bridgeport, Conn.     | Littell, Erva Ann                | Haworth, N. J.       |
| Hughes, Avah Willyn                      | Cincinnati, Ohio      | Lloyd, Marjorie                  | Olyphant, Pa.        |
| Hurlbut, Floy                            | Huntley, Neb.         | Locke, Gladys                    | New York City        |
| Hurwich, Barnett                         | New York City         | Loew, Edith Marguerite           | Brooklyn, N. Y.      |
| Hutchinson, Julie Neville                | Oswego, N. Y.         | Lomas, Mildred Leola             | Newark, N. J.        |
| Hutchinson, Mary Davenport               | Cleveland, Ohio       | Long, Ethel Elizabeth            | Rochester, N. Y.     |
| Hutton, Jean Gertrude                    | East Orange, N. J.    | Lowerre, William Merchant        | Cortland, N. Y.      |
| Ikuta, Yoshiaki                          | New York City         | Lynde, Ethel Graham (Mrs.),      | Los Angeles, Cal.    |
| Imamura, Shoichi                         | Tokyo, Japan          | McAlpine, Florine                | Montclair, N. J.     |
| Ingham, Helen Sarah                      | Hume, N. Y.           | McCaffery, Bibiana Virginia      | New York City        |
| Ingram, Christine Porter                 | Rochester, N. Y.      | McClain, Harriet Belle           | New York City        |
| Ishihara, Kiku Dorothy                   | Tokyo, Japan          | McDermott, Mary Campion          | Worcester, Mass.     |
| Jeffers, Rosa Elizabeth (Mrs.),          | New York City         | MacDonald, Mary Lafit            | Wellsville, Ohio     |
| Jenkins, Elizabeth                       | Cincinnati, Ohio      | McDongald, Gertrude Elise        | New York City        |
| Johnson, Josephine                       | Oxford, N. J.         | McGrath, Mary Josephine          | Fitchburg, Mass.     |
| Johnson, Lenora Ellen                    | Springfield, Mo.      | McHale, Kathryn                  | Logansport, Ind.     |
| Johnson, Marietta J. F. (Mrs.),          | Fairhope, Ala.        | McKinstry, Helen May             | Stamford, Conn.      |
| Johnstone, Esther                        | Grantwood, N. J.      | MacMillan, Katherine Livingstone |                      |
| Jones, Lillian Louisa                    | Holley, N. Y.         |                                  | Glen Cove, N. Y.     |
| Jones, Margaret Young, Briarcliff Manor, | N. Y.                 | Mannion, Mary Bertha             | Moorestown, N. Y.    |
| Joslin, Jane Elizabeth                   | Camden, N. Y.         | Manoukian, Matthew Vetanes       |                      |
| Kapps, Margaret Stander                  | Oak Park, Ill.        |                                  | New York City        |
| Kau, Ernest En                           | Wuchang, China        | Mansfield, Miriam Rebecca        |                      |
| Kavanagh, Maude Adella                   | Durand, Wis.          |                                  | Merchantville, N. J. |
| Keeler, Alicia                           | Maryville, Mo.        | Martin, Cora Merriman            | Denton, Tex.         |
| Kelley, Mabel                            | Ariel, Pa.            | Martin, Martha                   | Greencastle, Pa.     |
| Kelly, Florence Cecelia                  | Milwaukee, Wis.       | Martin, Mary Frances             | Los Angeles, Cal.    |
| Kelly, Lyra Foote                        | Yonkers, N. Y.        | Matthews, Clara Dutton           | New York City        |
| Kennedy, Florence                        | Ridgewood, N. J.      | Matthews, Florence Esther        | Sioux City, Iowa     |
| King, Elizabeth Gertrude Ellwood         |                       | Maxwell, Robert                  | New York City        |
|                                          | North Westport, Mass. | Mead, Emma Laura                 | Brattleboro, Vt.     |
| Kinsey, Annie Lenore                     | Shelbyville, Mo.      | Meadowcroft, Mabel McVey         | New York City        |
| Kirby, Sally Simms                       | Goldsboro, N. C.      | Meisner, Clara                   | Ellensburg, Wash.    |
| Kirkley, James Allen                     | Reno, Okla.           | Mendenhall, Susan                | New York City        |
| Kishitaka, Takeo                         | Tokyo, Japan          | Meseroll, Sarah                  | Trenton, N. J.       |
| Kittredge, Winifred Boyd                 | New Iberia, La.       | Meserve, Jean Chamberlain        | New York City        |
| Kline, Sophia A.                         | Cumberland, Md.       | Mesrobian, Zaroochi Anahid       | Swas, Turkey         |
| Knight, Kathleen Moore                   | Brockton, Mass.       | Meyer, Wilhelmina                | Lexington, Mo.       |
| Knoll, Frederic Jacob                    | Buffalo, N. Y.        | Meyers, Priscilla N.             | New York City        |
| Kohler, Sophie H.                        | New York City         | Mihleis, Alice May               | Perth Amboy, N. J.   |
| Koues, Rose Wilkinson                    | New York City         | Miles, Lyra Bell                 | Salem, Ore.          |
| Langvick, Mina M.                        | Richville, Minn.      | Miller, Eula Josephine           | Fargo, N. D.         |
| Larry, Beatrice Elzetta                  | Hyannis, Mass.        | Milligan, Grace Lillian Burns,   | Yonkers, N. Y.       |
| Latimer, Lois Erwin                      | Waukesha, Wis.        | Moody, Marion White (Mrs.)       | Bath, Me.            |
| Laufer, Florence Verona                  | Paterson, N. J.       | Moore, Alice                     | Bridgeton, N. J.     |
| Lavery, Mabel J.                         | New York City         | Moore, Jessie Eleanor            | Bloomfield, N. J.    |
| La Voy, De Forest                        | New York City         | Moore, Mary Vincentia            | New York City        |
| Lawlor, Caroline Elizabeth               | New York City         | Morgan, Cora Luella              | Wichita, Kan.        |
| Laws, Margaret Burton                    | New York City         | Morgan, Kathryn B.               | New Rochelle, N. Y.  |
| Leal, Margaret                           | Plainfield, N. J.     | Morise, Yosokichi Dairen,        | South Manchuria      |
| Leigh, Muriel Wilson                     | Spokane, Wash.        | Morningstern, Rachel             | East Orange, N. J.   |
| Lee, York Tein                           | New York City         | Morrill, Alice Mary              | Passaic, N. J.       |
| Lesslie, Louie Dell                      | Independence, Kan.    | Morrow, Lillie                   | Yonkers, N. Y.       |
| Levy, Alice Martha                       | New York City         | Muchleck, Lucy Elizabeth         | Weehawken, N. J.     |



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|----------------------------------|------------------------|-------------------------------|----------------------|
| Mulhern, Helen                   | New York City          | Reid, Rebecca                 | Fountain Inn, S. C.  |
| Murphy, Mary Ethel               | New York City          | Reil, Sylvia Mary             | New York City        |
| Myer, Lucie                      | Baltimore, Md.         | Reynolds, Grace               | North Norwich, N. Y. |
| Myers, Albert William            | Castanea, Pa.          | Reynolds, Mabel Pearl         | Arlington, N. J.     |
| Myers, Minnie T.                 | Fulton, N. Y.          | Rich, Frank M.                | Paterson, N. J.      |
| Myrick, Allie Goodwin            | Milledgeville, Ga.     | Richardson, Ethel Elizabeth   | Hartford, Conn.      |
| Nash, Rose Mary                  | Plainfield, N. J.      | Rifkin, Lillian Helen         | Wilkes-Barre, Pa.    |
| Naylor, Jane                     | Maynard, Mass.         | Robertson, Eveline            | New York City        |
| Nelson, Florence Abbie           | Ridgewood, N. J.       | Rockwell, Erma M.             | Greenwich, Conn.     |
| Nelson, Virginia La Fayette      | Scottsburg, Va.        | Roegge, Amy Blanche           | Leonia, N. J.        |
| Newton, Lucy Josephine           | San Antonio, Tex.      | Roger, Ida Evans              | Mt. Vernon, N. Y.    |
| Newton, Minnie Esther            | Mariller, N. Y.        | Rose, Mary Ann                | Troy, N. Y.          |
| O'Brien, Helen Marie             | New York City          | Ross, Sarah Frances           | Chicago, Ill.        |
| O'Connor, Anne Shane             | New York City          | Rowe, Nellie Farrar           | Brookings, S. D.     |
| O'Donnell, Agnes Marie           | New York City          | Rugge, Jessie M.              | Ridgewood, N. J.     |
| O'Hargan, Ruth                   | New York City          | Ryan, Loretta Cecilia         | New York City        |
| O'Keefe, Louise Langley          | New York City          | Salsbury, Rebecca             | New York City        |
| O'Leary, Ellen Josephine         | Worcester, Mass.       | Saunders, Gertrude            | New York City        |
| O'Rourke, Mary Eleanor           | New York City          | Schneider, Marie              | Rahway, N. J.        |
| Odell, Marietta McKinstry (Mrs.) | New York City          | Schneider, Roy Florense       | Ossining, N. Y.      |
|                                  | Elberton, Ga.          | Schwarz, Ethel S.             | New York City        |
| Oliver, Eleanor Mathews          | New York City          | Schwarz, Sadie                | New York City        |
| Oppenheimer, Blanche Maass       | New York City          | Schweppe, Emma                | San Antonio, Tex.    |
| Oyang, Rosamond Yen Wen          | Shanghai, China        | Scott, Anna C.                | Nova Scotia, Canada  |
| Palmer, Marietta                 | Hackensack, N. J.      | Seabury, Jennie Haff          | Hempstead, L. I.     |
| Parker, Claudia Mary             | Detroit, Mich.         | Seamen, Florence Madeline     | Keansburg, N. J.     |
| Parker, Grace S.                 | Woodville, N. Y.       | Sears, Harriet Reed           | Leonia, N. J.        |
| Parsons, Llewellyn               | New York City          | Seeley, Hettie Letetia        | Ann Arbor, Mich.     |
| Patrick, Charles David           | Elizabeth, N. J.       | Shaw, Louis A. (Mrs.)         | Peterboro, N. H.     |
| Patchin, Nelle E.                | Wyocena, Wis.          | Shencup, Emma Feldbaum (Mrs.) | New York City        |
| Patton, Rubye Carolyn            | New York City          |                               | Passaic, N. J.       |
| Paul, Helen Elizabeth            | New York City          | Shepherd, Mary Swope          | Mt. Vernon, N. Y.    |
| Payant, H. Felix                 | Faribault, Minn.       | Sherman, A. Marguerite        | Yonkers, N. Y.       |
| Peffer, Ernest M.                | Paterson, N. J.        | Sievers, Sophie Elisabeth     | Shanghai, China      |
| Pendleton, Dorothy I.            | Haverhill, Mass.       | Silver, Emma                  | Cleveland, Ohio      |
| Perry, Grace M.                  | Flushing, L. I.        | Singer, Clara                 | Bombay, India        |
| Phelps, Alice Elizabeth          | Warehouse Point, Conn. | Singh, Joseph N.              | New York City        |
|                                  | Worcester, Mass.       | Slauson, Nina Ella            | Perry, N. Y.         |
| Phelps, Helen Elizabeth          | Hornell, N. Y.         | Slack, Florence R.            | West Paterson, N. J. |
| Phillips, Bessie Louise          | St. Paul, Minn.        | Sloane, Boyd Lincoln          | Yonkers, N. Y.       |
| Pierce, Beulah Miriam            | St. Paul, Minn.        | Smith, Bertha                 | Waterloo, Iowa       |
| Pierce, Esther Mabel             | Kalamazoo, Mich.       | Smith, Constance              | New York City        |
| Pierce, Fannie Lucinda           | Cleveland, Ohio        | Smith, Maude Winifred         | Hollis Center, Me.   |
| Pierce, Mary F.                  | New York City          | Smith, Ruth Helen             | Canajoharie, N. Y.   |
| Potter, Grace                    | Warehouse Point, Conn. | Snell, Chester DeForest       | New York City        |
| Potwine, Marjorie A.             | Oswego, N. Y.          | Solomon, Rebecca              | Ridgewood, N. J.     |
| Poucher, Jane                    | Westford, N. J.        | Somerville, Irwin Blaine      |                      |
| Powick, Mary E.                  | Hickory, N. C.         | Sommerville, Richard Clarke   | Moorefield, W. Va.   |
| Powlas, Annie Pauline            | Roslyn, N. Y.          |                               | Groton, N. Y.        |
| Pride, Christine Elizabeth       | New York City          | Spaulding, Jean Electa        | New York City        |
| Pyle, James T. (Mrs.)            | Duluth, Minn.          | Speckel, Marguerite Amelie    | Washington, D. C.    |
| Quilliard, Margaret Jacot        | Hackensack, N. J.      | Speiden, Evelyn               | Philadelphia, Pa.    |
| Quimby, Hortense                 | Port Washington, L. I. | Sproles, Alberta Blanche      | Vineland, N. J.      |
| Radley, Hermon Clinton           | New York City          | Stafford, Grace Louise        | Hillsboro, Ohio      |
| Ramsay, Mary                     | Ridgefield Park, N. J. | Steele, Ellen Woodhull        | Bridgeport, Conn.    |
| Randall, Cyril Franklin          | New York City          | Sterling, Grace Ruby          | New York City        |
| Rankin, Ada Haile                | New York City          | Stephenson, Julia Mary        | New Wilmington, Pa.  |
| Rayser, Lillian Zoe              | New York City          | Stewart, Mary Elizabeth       | New York City        |
| Reichenbach, Beatrice H.         | New York City          | Stocker, Clara                |                      |



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|---------------------------|----------------------------|------------------------------------------|-------------------------|
| Stockwell, Anne Belle     | Northampton, Mass.         | Wong, Nellie Choy                        | New York City           |
| Stratton, Mary S.         | Amityville, N. Y.          | Wood, Elizabeth Teas (Mrs.)              | Brooklyn, N. Y.         |
| Strong, Marie J.          | New York City              | Woolf, Katherine Marie                   | New York City           |
| Sulis, Agatha Layton      |                            | Wright, Ida Rosanna,                     | Briarcliff Manor, N. Y. |
|                           | Digby, Nova Scotia, Canada | Wright, Lula Esther                      | New York City           |
| Tanenbaum, Estelle P.     | Bayonne, N. J.             | Wylie, Irene E. Burr                     | New York City           |
| Tang, Ilien Joyce         | Nanchang, China            | A.M., Indiana, 1908; A.B., Indiana, 1906 |                         |
| Taylor, Madeline Dow      | Newark, N. J.              | Yawger, Florence                         | Leonia, N. J.           |
| Teng, Tsin Ying           | Peking, China              | Young, Emilie Louise                     | Woodridge, N. J.        |
| Tennant, Robert Alexander | Midland, Md.               | Zabriskie, Susan Romeyn                  | Newagen, Mo.            |
| Thompson, Alta Emeline    | New York City              | Zachry, Caroline Beaumont                | New York City           |
| Thornton, Claytie         | Montgomery, Ala.           | Zeidman, Lena Kate                       | New York City           |
| Tompkins, Kathrin         | New York City              | Ziegenhain, Wilhelmina M.                | New York City           |
| Trounce, Anora Kate       | New York City              | Zobel, Emilie A.                         | Terre Haute, Ind.       |
| Troxell, Eleanor          | Chicago, Ill.              | Zyve, David G.                           | Warsaw, Poland          |
| Tufts, Dorinda Winifred   | New York City              |                                          |                         |
| Uyeda, Akira Shinkichi    | Sanuki, Japan              |                                          |                         |
| Van Valkenburg, Mazie     | New York City              |                                          |                         |
| Varnado, Dean Edwards     | Natchitoches, La.          |                                          |                         |
| Vaughn, Ada Mayham        | Richmondville, N. Y.       |                                          |                         |
| Virshup, Hyman            | New York City              |                                          |                         |
| Wada, Tomi                | Yamaguchi, Japan           |                                          |                         |
| Waghorn, Gladys Agnes     | Brooklyn, N. Y.            |                                          |                         |
| Waldbillig, Margaret      | Yonkers, N. Y.             |                                          |                         |
| Walsh, Hannah Bertha      | New York City              |                                          |                         |
| Walters, Bonnie Eloise    | Minneapolis, Minn.         |                                          |                         |
| Wash, Eva Flora           | Portland, Ore.             |                                          |                         |
| Watson, Gertrude A.       | Painted Post, N. Y.        |                                          |                         |
| Watson, LuElla Elizabeth  | Montevideo, Minn.          |                                          |                         |
| Weatherby, Grace Kingsley | Hacksack, N. J.            |                                          |                         |
| Weisenburg, Anna Isabel   | Paoli, Pa.                 |                                          |                         |
| Welch, Hazel              | Janesville, Wis.           |                                          |                         |
| Wells, Florence           | New York City              |                                          |                         |
| Wells, Rosa King          | Wilson, N. C.              |                                          |                         |
| Welsh, Margaret Elizabeth | New York City              |                                          |                         |
| West, Anna May            | Shanghai, China            |                                          |                         |
| West, Daniel              | Pleasant Hill, Ohio        |                                          |                         |
| Wheaton, Alice Lillian    | Gloversville, N. Y.        |                                          |                         |
| Whipple, Grace Louise     | Keene, N. H.               |                                          |                         |
| White, Mary Catherine     | Richmond, Ky.              |                                          |                         |
| Whitehurst, Nan Averette  | Dublin, Ga.                |                                          |                         |
| Whitemna, Edith Jane      | Torrington, Conn.          |                                          |                         |
| Whiting, Annie Adella     | Toledo, Ontario            |                                          |                         |
| Whitlock, Sarah Oliver    | New Brunswick, N. J.       |                                          |                         |
| Whitson, Ethel M.         | Philadelphia, Pa.          |                                          |                         |
| Wieand, Ella Margaret     | Hacksack, N. J.            |                                          |                         |
| Wiesmann, Jules           | Plainfield, N. J.          |                                          |                         |
| Wilde, Eva Louise         | St. Johnsbury, Vt.         |                                          |                         |
| Wiley, Ethel Anderson     | New Park, Pa.              |                                          |                         |
| Willcox, Lucie Vivian     | New York City              |                                          |                         |
| Willoughby, Harriet       | New York City              |                                          |                         |
| Wilson, Enily Newcomb     | Pelham, N. Y.              |                                          |                         |
| Wilson, Ethel             | Los Angeles, Cal           |                                          |                         |
| Wilson, Lois Belle        | Grand Rapids, Mich.        |                                          |                         |
| Winter, Dorothy Ellen     | New York City              |                                          |                         |
| Wise, Margaret Cecil      | Elizabeth, N. J.           |                                          |                         |
| Wixon, Adelaide Neay      | Ossining, N. Y.            |                                          |                         |
| Wollung, Lydia Augusta    | Mattoon, Ill.              |                                          |                         |
| Woelflen, Irene Margaret  | Lewiston, Idaho            |                                          |                         |

|                                |                         |                               |                      |
|--------------------------------|-------------------------|-------------------------------|----------------------|
| Clark, Anna L. K.              | Plattsburg, N. Y.       | Hawley, Edith Adeline         | Elk City, Kan.       |
| Cobb, Leila May                | Scranton, Pa.           | Heinly, Mary Jane             | York, Pa.            |
| Cohen, Evelyn                  | Palisade, N. J.         | Heins, John P.                | New York City        |
| Collamore, Marion              | New York City           | Hendry, Elizabeth             | Roslindale, Mass.    |
| Condon, Alberta Louise         | Greeley, Col.           | Higgins, Olivia Cameron       | Glen Ridge, N. J.    |
| Conover, Ethel Grace, Brampton | Ont., Canada            | Hill, Ada Winifred            | Yonkers, N. Y.       |
| Couse, Emily Winsor            | Asbury Park, N. J.      | Hill, Ethel Mae               | Wagoner, Okla.       |
| Crawford, Catherine            | Pittsburgh, Pa.         | Hopper, Arthur Frederick      | Plainfield, N. J.    |
| Crocheron, Margaret Gladys     |                         | Hopping, Carol Marguerite     |                      |
|                                | Mt. Vernon, N. Y.       |                               | Bridgehampton, L. I. |
| Croselmir, Neva S.             | Newark, N. J.           | Horton, Eudora Belle          | Middletown, N. Y.    |
| Crounse, Dorothy               | Glen Ellyn, Ill.        | Huff, Sara B.                 | New York City        |
| Crowell, Charlotte Lois        | Erie, Pa.               | Huie, Caroline Alida          | New York City        |
| Cutler, Harriet Bulkley        | Mt. Hermon, Mass.       | Hussey, Marguerite Mallard,   | Philadelphia, Pa.    |
| Davis, Bertha                  | Corvallis, Ore.         | Hutchins, Margaret            | Palmyra, N. Y.       |
| Deyo, Charlotte Mabel          | Rochester, N. Y.        | Hyman, Pauline Beatrice       | Lima, Ohio           |
| d'Humy, Elena Theodora         | Englewood, N. J.        | Immel, Marian von K.          | Pittsburgh, Pa.      |
| Dement, Lucia Williams         | New York City           | Jacob, Edna H.                | New York City        |
| DeWitt, Katharine Eliza        | Jersey City, N. J.      | Jacobs, Beryl Martin (Mrs.)   | Easley, S. C.        |
| Dillon, Marie Kathryn          | Holyoke, Mass.          | Jagowski, Elizabeth A.        | Chicago, Ill.        |
| Dodson, Phyllis Olga           | Berwick, Pa.            | James, Mae                    | New York City        |
| Dugan, Mary D.                 | Norristown, Pa.         | Jeremiassen, Thyra Magdalenen | Miami, Fla.          |
| Duram, Margaret Irene          | New York City           | Jessup, Helen Harris          | New York City        |
| Eckert, Edna Margaret          | Newark, N. J.           | Johnson, Katharine Barber     | Plattsburg, N. Y.    |
| Edson, Caroline Moore          | Scottsville, N. Y.      | Johnson, Mary Anna            | Kew Gardens, L. I.   |
| Ehrlich, Phillip               | New York City           | Jones, Curtis                 | Waco, Texas          |
| Eisenbrandt, Alice Alberta     |                         | Jones, Dorothy Malcolm        | Catskill, N. Y.      |
|                                | Mt. Washington, Md.     | Kalb, Abraham L.              | New York City        |
| Eldred, Irene Revers           | New York City           | Keefe, Grace Maria            | Springfield, Mass.   |
| Ellert, John Francis           | New York City           | Kellog, Emily Chapin          | New York City        |
| Endress, Marguerite Salls      | Brooklyn, N. Y.         | King, Marie Gunther           | New York City        |
| Evans, Florence Palmer         | York, Pa.               | Klaer, Bertha                 | Milford, Pa.         |
| Fender, Constance Stone        | New York City           | Klepper, Ruth Maud            | La Plata, Mo.        |
| Fitch, Nataile K.              | Upper Montclair, N. J.  | La Ganke, Florence May        | Cleveland, Ohio      |
| Fopeano, Helena J.             | Abington, Va.           | Leedom, Mabel H.              | Dayton, Ohio         |
| Frame, Elsa Louise             | Toledo, Ohio            | Lechlitter, Carrie S.         | Trenton, N. J.       |
| Franklin, Kate Mann            | Flushing, L. I.         | Leighton, Frances Howe        | Hollis, N. H.        |
| Francis, Haydee Elinor         | Taylor, Pa.             | Leonard, Clare A.             | East Orange, N. J.   |
| Freimuth, Edna                 | Duluth, Minn.           | Lewis, Sarah Louise           | New York City        |
| Fuller, Ruth H.                | Jefferson, N. Y.        | Long, Jessie Anna             | Brooklyn, N. Y.      |
| Fulton, Agnes Fraser           | Yonkers, N. Y.          | MacArthur, Eda                | New York City        |
| Garesche, Lala Seron           | St. Louis, Mo.          | McCallum, Amelia Brown        | Brooklyn, N. Y.      |
| Garrison, Emma Pauline         | Waterloo, N. Y.         | McCown, Nellie                | Spencer, Iowa        |
| Garrison, Olive                | Yonkers, N. Y.          | McElhinny, Caroline Virginia, | New York City        |
| Gilbert, Josephine H.          | Glencoe, Minn.          | McGann, May Elizabeth         | Chicago, Ill.        |
| Gleason, Julia                 | Kansas City, Mo.        | McIntosh, Mildred             | Alda, Neb.           |
| Golden, Mary Frances           | Marlinton, W. Va.       | McLeod, Mary Mills            | Kansas City, Mo.     |
| Goodell, Mary Elizabeth        | Syracuse, N. Y.         | McNeff, Katherine             | Los Angeles, Cal.    |
| Goodman, Stella H. V.          | New York City           | Marker, Beulah Judith         | Los Angeles, Cal.    |
| Gorman, Anna Gertrude          | Holyoke, Mass.          | Martin, Lillian Annette       | Lexington, Ky.       |
| Gray, Hattie Dunkin            | Laurens, S. C.          | Martin, Susanna               | Kerman, Cal.         |
| Gray, Mabel Lucile             | Lima, N. Y.             | Mavrin, Mary Margaret         | Zumbrota, Minn.      |
| Greenwood, Lydia Howard        | Lawrence, Mass.         | Maurer, Elsa                  | New York City        |
| Guernsey, Eupheme I.           | Yonkers, N. Y.          | Mayer, Marion Margaret        | Corona, N. Y.        |
| Hale, Elmira                   | New York City           | Meads, Aileen M.              | New York City        |
| Hall, Laura Margaret           | Concord Junction, Mass. | Menagh, Anna Taylor           | Jersey City, N. J.   |
| Hamilton, Faye Ilene           | Newark, N. J.           | Mendelson, Anna Wharton       | New York City        |
| Harris, Edith Hearn            | New Milford, Conn.      | Michalover, Lillian           | Brooklyn, N. Y.      |
| Hawkinson, Nellie Xenia        | Webster, Mass.          | Millar, Katharine Saam        | Asbury Park, N. J.   |

|                                |                        |                              |                      |
|--------------------------------|------------------------|------------------------------|----------------------|
| Miller, Frances Weston         | New York City          | Stone, Marion Cornelia       | Southington, Conn.   |
| Miller, Norma Maynard          | Burlington, Vt.        | Storrie, Elizabeth L.        | Denton, Tex.         |
| Minami, Takeo                  | Tokyo, Japan           | Strang, Anna Violet          | Brooklyn, N. Y.      |
| Mitchell, Margaret Agnes       | New York City          | Strange, Ora                 | East Orange, N. J.   |
| Molstad, Ragna                 | Spring Valley, Minn.   | Swinburne, Susie Peary       | Hackensack, N. J.    |
| Moress, Elsie Jeanette         | White Plains, N. Y.    | Sumner, Lela Holland         | Arden, N. C.         |
| Morey, Helen H.                | New York City          | Taylor, Mary Sanford         | New York City        |
| Morris, Miriam E.              | New York City          | Teeple, Georgia Fletcher     | Pontiac, Mich.       |
| Murray, Alice Winton           | Scranton, Pa.          | Thompson, Dorothy Grace      | Cooperstown, N. Y.   |
| Newlands, Ethel M.             | Buffalo, N. Y.         | Thompson, Hila               | Rochester, N. Y.     |
| Nielsen, Ida Helena            | Selma, Cal.            | Thurston, Flora Martha       | Toledo, Ohio         |
| Oettinger, Margaret Louise     | Scranton, Pa.          | Tisdale, Doris Harriet       | New York City        |
| Olson, Edythe L.               | Minneapolis, Minn.     | Towne, Mildred Porter        | Jersey City, N. J.   |
| Ormsby, Sarah Sinclair         | Woodstock, Ill.        | Townsend, Helen Curtis       | Mt. Vernon, N. Y.    |
| Page, Alyce Oliver             | Marietta, N. C.        | Tuttle, Jessie Pauline       | Newark, N. J.        |
| Pazandak, Marie A.             | Minneapolis, Minn.     | Tuttle, Margaret Elizabeth   | Syracuse, N. Y.      |
| Peck, Flora Estelle            | Syracuse, N. Y.        | Tuttle, Margaret Elmina      | Madison, S. D.       |
| Perkins, Marcia                | Knoxville, Tenn.       | Underwood, Esther Lael       | Washington, D. C.    |
| Peters, Alice R. (Mrs.)        | New York City          | Underwood, Maud Marilla      | Denton, Tex.         |
| Potter, Edith M.               | Winona, Minn.          | Van Aken, Kathryn Grace      | Mt. Vernon, N. Y.    |
| Pritchett, Mary Montgomery     | Huntsville, Texas      | Van Dyck, Alice Douglas      | New York City        |
|                                |                        | Van Syckle, Edith L.         | Sussex, N. J.        |
| Pulver, Kathryn E.             | Pine Plains, N. Y.     | Van Santford, Ethel Gertrude | Dumont, N. J.        |
| Randall, Edna M.               | Dowagiac, Mich.        | Wadhams, Carol               | Ann Arbor, Mich.     |
| Rasey, Dorothy                 | Holyoke, Mass.         | Wagler, Arthur Charles       | Morris Park, N. Y.   |
| Rawson, Adelaide               | Ridgewood, N. J.       | Wandell, Minnie Belle        | Glenbrook, Conn.     |
| Reed, Mildred Anne             | Whitewater, Wis.       | Ware, Florence E.            | Elizabeth, N. J.     |
| Reigart, Irno Sarah            | York, Pa.              | Warner, Eleanor              | Riverhead, N. Y.     |
| Richie, Mary J.                | Brooklyn, N. Y.        | Warren, Ruth Davenport       | Washington, D. C.    |
| Ridley, Helen Elizabeth        | New York City          | Waters, Florence Linwood     | Medina, N. Y.        |
| Riley, Ruth Elizabeth          | New York City          | Watts, Frances Elizabeth     | Glen Ridge, N. J.    |
| Roberts, Jane Lukens           | Philadelphia, Pa.      | Weaver, Minnie Estel         | Weaverville, N. C.   |
| Robinson, Ruth                 | New York City          | Webster, Orpha Marie         | Hines, Wis.          |
| Robson, Helen Kitchel          | Detroit, Mich.         | Wells, Eleanor Frances       | New York City        |
| Roetter, Janet Elizabeth       | Dayton, Ohio           | Wesley, Mary                 | Buffalo, N. Y.       |
| Rood, Elizabeth Crossett       | Pleasantville, N. Y.   | White, Catherine             | Fresno, Cal.         |
| Russell, Earle Stone           | Gorham, Mass.          | Wilcox, Fay                  | Billings, Mont.      |
| Russell, Helen Hack            | Morgantown, W. Va.     | Willard, Florence            | Passaic, N. J.       |
| Russell, Harriett Frances      | Lincoln, Ill.          | Williams, Grace Dorothy      | New York City        |
| Ryan, Ellen M.                 | Stratford, Conn.       | Willson, Mildred Bernice     | Jamestown, N. Y.     |
| Savery, Emerson Blaine         | New York City          | Winslow, Geneva Jean         | New York City        |
| Schang, Pauline Wurster (Mrs.) |                        | Witt, Ruth                   | Flushing, L. I.      |
| Schneidau, Ingeborg H.         | Stockholm, Sweden      | Wittner, Helen Dorothea      | Brooklyn, N. Y.      |
| Schuman, Clyde Beatrice        | Savannah, Ga.          | Wolff, Lillian               | New York City        |
| Scoby, Vesta Nina              | North Tonawanda, N. Y. | Wood, Bessie Stanley         | Athens, Ga.          |
| Scott, Harry Alexander         | Parsons, Kan.          | Wright, Byrdee Bowen         | Memphis, Tenn.       |
| Shannon, Elizabeth Winston     | Sedalia, Mo.           | Wyatt, Leta Alberta          | Salina, Kan.         |
| Shaw, Beatrice E.              | New York City          | Yen, Richard Chikai          | Tientsin City, China |
| Sherwin, Katherine Isabel      | Valhalla, N. Y.        | Zabriskie, Alice Mabel       | Norwich, Conn.       |
| Shipman, Dorothy               | New York City          |                              |                      |
| Simmons, Nellie A.             | New York City          |                              |                      |
| Simon, Cornelia Lucinda        | Seneca Falls, N. Y.    |                              |                      |
| Sirginson, Ella                | New York City          |                              |                      |
| Smith, Lula Edna               | Eldorado Springs, Mo.  |                              |                      |
| Smith, Miriam Louise           | Englewood, N. J.       |                              |                      |
| Sornberger, Lulu Irene         | Windsor, N. Y.         |                              |                      |
| Sowter, Helen                  | Great Falls, Mont.     |                              |                      |
| Sterz, Emily Clara             | Woodcliff, N. J.       |                              |                      |
| Stewart, Lucile                | Mt. Vernon, N. Y.      |                              |                      |

## JUNIORS—CLASS OF 1920

|                           |                      |
|---------------------------|----------------------|
| Abrams, Miriam            | Brunswick, Ga.       |
| Adair, Mildred Labaw      | Bernardsville, N. J. |
| Adams, Susan              | Springfield, Mass.   |
| Adams, Harold Joseph      | Lodi, N. J.          |
| Andrews, Phyllis Westover | Brooklyn, N. Y.      |
| Angell, Marion Janette    | New Rochelle, N. Y.  |
| Babb, Laura Virginia      | New York City        |
| Barber, Mary Isabel       | New York City        |



|                                    |                                          |                             |                      |
|------------------------------------|------------------------------------------|-----------------------------|----------------------|
| Barlow, Alice W.                   | New York City                            | Delany, Sarah Louise        | Raleigh, N. C.       |
| Baskette, Saidee Ballentine (Mrs.) | Nashville, Tenn.                         | DeVinney, Laura Lauretta    | Butler, Ind.         |
| Beam, Mildred Esther               | Hartsdale, N. Y.                         | Dill, Elizabeth Anne        | Harrisburg, Pa.      |
| Beane, Marion Martha               | Newark, N. J.                            | Dowd, Frances Miner         | Madison, Conn.       |
| Beedenbender, Harry Leonard        | West Fort Lee, N. J.                     | Drew, Donna Margaret        | Highland Park, Ill.  |
| Beltz, Genevieve Sara              | Pittsburgh, Pa.                          | Duncan, Bertha A.           | Toronto, Canada      |
| Berges, Cecelia Ruth               | White Plains, N. Y.                      | Durholz, Otto B.            | Paterson, N. J.      |
| Berges, Marion Louise              | White Plains, N. Y.                      | DuRocher, Sister Domitilla, | Rochester, Minn.     |
| Bergmann, Elsie E.                 | Brooklyn, N. Y.                          | Eberlein, Bernice Margaret  | Cleveland, Ohio      |
| Berliner, Elsie                    | New York City                            | Eckhardt, Elizabeth Marie   | Folsom, N. J.        |
| Best, Virginia Price               | Fayette, Mo.                             | Ellenwood, Laura Celeste    | Plattsburg, N. Y.    |
| Bigley, Kathrine Helena            | New Orleans, La.                         | Elliott, Ruth               | White Plains, N. Y.  |
| Bilhuber, Gertrude                 | Maywood, N. J.                           | Erdmann, Martha Emma        | Verdon, S. C.        |
| Blaustein, Fannie                  | Baltimore, Md.                           | Ewart, Margaret             | Plainfield, N. J.    |
| Bliss, Carolyn Hervey              | Fall River, Mass.                        | Fairbanks, Helen Clara      | Yonkers, N. Y.       |
| Blumstein, Juliet Fay              | New York City                            | Farrell, Mary Cecelia       | Oswego, N. Y.        |
| Bollin, Elsa E. J.                 | Newark, N. J.                            | Fendig, Selma Jeanette      | Brunswick, Ga.       |
| Bracken, Esther                    | Paoli, Pa.                               | Ferrin, Nellie Mabel        | Wilmore, Kan.        |
| Brackett, Esther Eunice (Mrs.)     | New York City                            | Ferris, Helen Elizabeth     | Port Chester, N. Y.  |
| Brauer, Florence Hazel             | New York City                            | Fink, Jennie Louise         | Utica, N. Y.         |
| Briusmade, Dora F. Van R.          | Bridgeport, Conn.                        | Flint, Mary Gilmore         | Farmington, Me.      |
| Brown, Elizabeth M.                | Stroudsburg, Pa.                         | Folsom, Dorothy Margaret    | Piermont, N. Y.      |
| Brown, Harriet Maxwell             | Williamsport, Pa.                        | Foster, Katharine Lois      | Utica, N. Y.         |
| Bryant, Indra                      | Canton, Ohio                             | Frank, Gertrude Elma        | New York City        |
| Buckley, Mary Margaret             | South Bend, Ind.                         | French, Irene Marjory       | Honeoye Falls, N. Y. |
| Burnett, Edith                     | New York City                            | Frymyr, Alice Willetta      | Williamsport, Pa.    |
| Byrne, Stasia M.                   | St. Louis, Mo.                           | Gaines, Ina                 | Elberton, Ga.        |
| Cannon, Elizabeth Honora           | Greenwood, S. C.                         | Garfunkel, Rose             | New York City        |
| Carmichael, May E.                 | Dillon, S. C.                            | Garman, Ellen Mary          | New York City        |
| Carrison, Elizabeth                | Camden, S. C.                            | Garst, Rachel Hartshorne    | Cincinnati, Ohio     |
| Carter, Helen Louise               | Montreal, Canada                         | Gerard, Margaret Bryant     | South Norwalk, Conn. |
| Chung, Waiha                       | Canton, China                            | Glenn, Miriam Elsie         | West Creek, N. J.    |
| Churton, Ethel                     | Binghamton, N. Y.                        | Gignoux, Louise Mumford     | New York City        |
| Clark, Lydia                       | New York City                            | Glancey, Frances L.         | Elona, Wash.         |
| Clark, Winifred Mary               | Peru, N. Y.                              | Goldfarb, Israel            | Brooklyn, N. Y.      |
| Coe, Mildred Woolcott              | Westfield, N. J.                         | Gorman, Edna Mildred        | Bridgeport, Conn.    |
| Cohen, Constance M.                | Far Rockaway, N. Y.                      | Goode, Eslanda C. Cordoza   | New York City        |
| Connelly, Ethelyn                  | Ludlow, Pa.                              | Gray, Margaret              | Buffalo, N. Y.       |
| Cook, Marvel Clyde                 | Lima, Ohio                               | Gray, Marjorie              | Whitewater, Wis.     |
| Cousins, Amy Wade (Mrs.)           | Corvallis, Mont.                         | Green, Anna Lisette         | New York City        |
| Cox, Edith Isabel                  | Charlottetown, Prince Edward Is., Canada | Greene, Mary Dering         | Salmon, Idaho        |
| Coxley, Irma Hellen                | West Roselle, N. Y.                      | Haering, Florence M.        | Cleveland, Ohio      |
| Cramer, Calista Ruth               | Schuylerville, N. Y.                     | Hamrick, Ruth Miller        | Anderson, Ind.       |
| Cramer, Esther Minnie              | Schuylerville, N. Y.                     | Hann, Dorothy Ross          | Ridgewood, N. J.     |
| Crampton, Helen Marion             | New York City                            | Hann, Helen Emery           | Ridgewood, N. J.     |
| Crane, Dorothy                     | Sparrows Point, Md.                      | Hankemeyer, Helen May       | Hartford, Conn.      |
| Croll, Victoria                    | Mt. Vernon, N. Y.                        | Hart, Eva Sutherland        | Lawton, Okla.        |
| Crowell, Charlotte                 | Erie, Pa.                                | Harwell, Patti Turner       | New York City        |
| Cumming, Helen Marie               | Nutley, N. J.                            | Haydock, Emily Gross        | Ridley Park, Pa.     |
| Currier, Nettie Baltzer            | Middleton, Nova Scotia                   | Hayes, Marjorie             | Hillsdale, Mich.     |
| Davenport, Dorothy Darleane        | Wheaton, Ill.                            | Hebel, Frances Marion       | Aledo, Ill.          |
| Davidson, Leora Madeline           | Ramsey, N. J.                            | Heckman, Albert William     | Meadville, Pa.       |
| Davis, Helen                       | East Orange, N. J.                       | Herzog, Gertrude Elizabeth  | Tyrone, Pa.          |
| Davis, Marguerite                  | Princeton, N. J.                         | Himoff, Lillian             | New York City        |
| Davison, Edith Denney (Mrs.)       | Cambra, Pa.                              | Hofford, Marian Katherine   | Dallas, Tex.         |
| Dealey, Alice Gilbert              | Mineral Wells, Texas                     | Hotchkiss, Alice            | New York City        |
|                                    |                                          | Hughes, Regina Marie        | Paterson, N. J.      |
|                                    |                                          | Hulme, Hannah Catherine     | Paterson, N. I.      |



|                                   |                                    |                                 |                        |
|-----------------------------------|------------------------------------|---------------------------------|------------------------|
| Hunt, Iva Dorothy                 | Barnesville, Ohio                  | Myers, Hazel                    | Sylvia, Kan.           |
| Huntington, Eleanor Thelma        | Mt. Vernon, N. Y.                  | Needham, Pauline Huffine (Mrs.) |                        |
| Hutzel, Mathilda Emma             | Ann Arbor, Mich.                   |                                 | New York City          |
| Jackson, Kathryn Ann              | Buffalo, N. Y.                     | Neth, Clara Bidwell             | Tarrytown, N. Y.       |
| Janes, Martha B.                  | New York City                      | Neumann, Beatrix Hazel          | New York City          |
| Jarrell, Ada Joe                  | Temple, Tex.                       | Neurad, Jeanette A.             | New York City          |
| Jarrett, Ida                      | Staten Island, N. Y.               | Newburgh, Louise Virginia       | Cincinnati, Ohio       |
| Jefferson, Margaret Guthrie       | Louisville, Ky.                    | Noble, Mary                     | Abington, Pa.          |
| Jenkins, Anna Lisle               | Ottawa, Ohio                       | North, Dorothy                  | Upper Montclair, N. J. |
| Joachim, Helen Magdaline          | Athens, Pa.                        | Oppenheimer, Elsa               | New York City          |
| Johnson, Leonora                  | Jersey City, N. J.                 | Padgett, Ina                    | Ocilla, Ga.            |
| Johnson, Mary Anna                | Kew Gardens, L. I.                 | Page, Charlotte Palen           | Athens, Pa.            |
| Johnson, Mary E.                  | Carthage, N. Y.                    | Passmore, Sara Florence         | Mendenhall, Pa.        |
| Jones, Ann Walker Carter          | New York City                      | Peabody, Elizabeth Barrett      | White Plains, N. Y.    |
| Jones, Leata Adeline              | Minden, Neb.                       | Pearce, Dorothy Shephard        | Manasquan, N. J.       |
| Joyce, Margaret Cecelia           | Paterson, N. J.                    | Pedlar, William Arthur          | Brooklyn, N. Y.        |
| Kaufhold, Esther Madeline         | Scranton, Pa.                      | Pelton, Marion                  | Akron, Ohio            |
| Kaufman, Rosetta Charlotte,       | New York City                      | Plager, Morris                  | New York City          |
| Kerr, Sara                        | Camp Crook, S. D.                  | Platt, Annette                  | New York City          |
| King, Margaret                    | Montclair, N. J.                   | Potter, Sarah Elsie             | Henry, Ill.            |
| Kistler, Mary Lou                 | Colorado Springs, Col.             | Powers, Lila Katherine          | Bristol, Tenn.         |
| Kliatscho, Alexandra Gordon,      | New York City                      | Powers, Mary Elizabeth          | Bristol, Tenn.         |
| Knight, Marjorie Blake            | Willimantic, Conn.                 | Pratt, Gertrude Kincaid         | North Adams, Mass.     |
| Knox, Irene Virginia              | Clarksburg, W. Va.                 | Pribnow, Henriette Anna Marie   | Mellen, Wis.           |
| Korn, Helen                       | New York City                      | Price, Helen Hope               | Cleveland, Ohio        |
| Kosower, Thelma                   | Brooklyn, N. Y.                    | Prigge, Lillian A.              | Jersey City, N. J.     |
| Krause, Lydia Fairfax             | New York City                      | Pryor, Daisy DeBet              | Arizona, La.           |
| Krauter, Edith Bell               | Glen Ridge, N. J.                  | Quintard, Dorothy               | Stamford, Conn.        |
| Lahiff, Ellen Geraldine           | New York City                      | Raymond, Robin Young (Mrs.)     | New York City          |
| Lautz, Amalia Elizabeth           | Buffalo, N. Y.                     | Redfern, Mabel Lillian          | Brooklyn, N. Y.        |
| Larche, Mary Alice                | Monroe, La.                        | Remick, Lola Margaret           | Ashtabula, Ohio        |
| Lee, Eleanor Graham Millar (Mrs.) | New York City                      | Rennie, Helen Allan             | Toronto, Ont., Canada  |
|                                   |                                    | Requa, Frances Louise           | Tarrytown, N. Y.       |
| Leonard, Mildred Henrietta        |                                    | Rich, Grace Elizabeth           | Woorbrick, Pa.         |
|                                   | Woodcliff-on-Hudson, N. J.         | Ricker, Elizabeth Dunning       |                        |
| Lewis, Marjorie Louise            | Bay City, Mich.                    |                                 | Boothbay Harbor, Me.   |
| Lingg, Elsa                       | Westfield, N. J.                   | Riddick, Mary Alice             | Petersburg, Va.        |
| Livingston, Elsie                 | Englewood, N. J.                   | Rigden, Elizabeth Josephine     | Hillsdale, Mich.       |
| Lyman, Dorothy Allen              | Upper Montclair, N. J.             | Roberts, Dorothy Mather         | Crestwood, N. Y.       |
| McCorry, Margaret Mercedes        | Brooklyn, N. Y.                    | Robertson, Helen Elizabeth      | Paterson, N. J.        |
| McGill, Laura Gladys              | Lizella, Ga.                       | Rock, Joan Margaret             | Cleveland, Ohio        |
| McNally, Frances Maud             |                                    | Roe, Grace Wicks                | Port Chester, N. Y.    |
|                                   | Fredericton, New Brunswick, Canada | Rogers, Edith A.                | Buffalo, N. Y.         |
| MacPherson, Jean Harmon           | LeRoy, N. Y.                       | Rogers, Vera Hawthorn           | Brooklyn, N. Y.        |
| Maplesden, Gwendolyn C.           | New York City                      | Roman, Leonore                  | New York City          |
| Marshall, Mildred Louise,         | West Hoboken, N. J.                | Rosenfeld, Jessie               | New York City          |
| Martin, Carol Lisbeth             | Boscobel, Wis.                     | Rothenberg, Rose Janet          | New York City          |
| Martin, Susanna                   | Kerman, Col.                       | Ruffini, Elsie Erna             | Cleveland, Ohio        |
| Mason, Ruth Evelyn                | Cleveland, Ohio                    | Rush, Clara Elizabeth           | Elkhart, Ind.          |
| Mather, Ana Isabel                | Tweed, Ontario, Canada             | Sale, Annie Elizabeth           | Danburg, Ga.           |
| Mather, Stella                    | New York City                      | Sanders, Loraine                | Wichita Falls, Tex.    |
| Matthews, Mary Helen              | Johnstown, Pa.                     | Sasse, Sylvia                   | Dalton, Mo.            |
| Matthews, Ruth Elizabeth          | New York City                      | Scanlan, Jeanne M.              | New York City          |
| Mier, Meta Eugenia                | St. Louis, Mo.                     | Schang, Frances Mercedes        | New York City          |
| Miller, Julia B.                  | Beatrice, Neb.                     | Schoening, Elsa B.              | Trenton, N. J.         |
| Morton, Grace Margaret            | New York City                      | Schopp, Ethel Josephine         | New York City          |
| Moody, Claire Jeanette            | Canton, Pa.                        | Scott, Lydia Mary               | New York City          |
| Muessen, Josephine V.             | Woodmere, L. I.                    | Sease, Mamie Skecut (Mrs.)      | New York City          |
| Mullen, Mary Ellen                | Cheltenham, Pa.                    | Shafer, Mary Sherman            | Manito, Ill.           |

|                             |                           |                             |                                |
|-----------------------------|---------------------------|-----------------------------|--------------------------------|
| Shapcott, Edith Martha      | Colorado Springs, Col.    | Barnett, Marion             | New York City                  |
| Sheerer, Rebekah Cooper     | Greensburg, Pa.           | Bartley, Marie Louise       | New Rochelle, N. Y.            |
| Sheffel, Florence Louise    | New York City             | Baxter, Isabelle Rankin     | New York City                  |
| Shellbarger, Mary Elizabeth | Moffat, Colo.             | Bayer, Ethel                | New York City                  |
| Shofner, Inez               | Brewton, Ala.             | Beach, Jane                 | Brooklyn, N. Y.                |
| Simmons, Nellie Agnes       | Sherburne, N. Y.          | Benneyan, Aroos             | White Plains, N. Y.            |
| Simons, Mary Elizabeth      | Swarthmore, Pa.           | Blakeman, Gladys            | Mt. Vernon, N. Y.              |
| Simpson, Dorothy Maude      | York Harbor, Me.          | Blewett, Margaret Mary      | Jamestown, N. D.               |
| Sims, Mabel Matilda         | Montclair, N. J.          | Blount, Lucy Morton         | New York City                  |
| Singer, Augusta Norma       | New York City             | Bluss, Marie K.             |                                |
| Smith, Margaret Thomas      | Lansford, Pa.             |                             | Irvington-on-the-Hudson, N. Y. |
| Spilsbury, Beulah Gybbon    | Brooklyn, N. Y.           | Bosak, Josephine Margaret   | Scranton, Pa.                  |
| Stiebeling, Hazel Katherine | Latty, Ohio               | Bowler, Elizabeth           | Absecon, N. Y.                 |
| Stein, Emily                | Newark, N. J.             | Brainerd, Ruth Marie        | Holyoke, Mass.                 |
| Stern, Cora M.              | New York City             | Briggs, Margaret Shennan    | Scranton, Pa.                  |
| Stetson, Elizabeth Silliman | Washington, D. C.         | Brough, Florence Elizabeth  |                                |
| Stockton, Helen Isabella    | New York City             |                             | Hammondsport, N. Y.            |
| Stoltz, Elsie Oro           | Visalia, Cal.             | Burdett, Evelyn             | East Orange, N. J.             |
| Stuart, Frances Gail        | Schoolcraft, Mich.        | Carroll, Kathleen Gardnir   |                                |
| Stutz, Henry Maurice        | Brooklyn, N. Y.           |                             | Colorado Springs, Col.         |
| Swan, Edith Estelle         | Newark, N. J.             | Casin, Rose M. (Mrs.)       | New York City                  |
| Swift, Josephine            | Fulton House, Pa.         | Chinn, May Edward           | New York City                  |
| Taft, Ruth C.               | Brooklyn, N. Y.           | Clark, Helen                | Brooklyn, N. Y.                |
| Tan Ditter, Stella          | New York City             | Corbin, Emeline Laura       | Bainbridge, N. Y.              |
| Taylor, Clara Mae           | Vineland, N. J.           | Crumley, Rachel L.          | Shelton, Neb.                  |
| Taylor, Margaret Samuels    | Scranton, Pa.             | Dahnke, Marye               | Union City, Tenn.              |
| Thompson, Blanche Jennings  | Geneseo, N. Y.            | Dailey, Effie Lylia         | East Orange, N. J.             |
| Thompson, Fanny Jane        | Jamestown, N. Y.          | de Roche, Esther            | Passaic, N. J.                 |
| Thompson, Harold Starr      | Fulton, N. Y.             | Diefendorf, Dorothy Louise  | New Haven, Conn.               |
| Tompkins, Sarah VanHorn     |                           | Dimmick, Ann Eleanor        | Scranton, Pa.                  |
|                             | Atlantic Highlands, N. J. | Donovan, Mary Elizabeth     | New York City                  |
| Treyz, Helen Amanda         | Cooks Falls, N. Y.        | Drummond, Louise            | Riverton, Wyo.                 |
| Troy, Julia Corinne         | Centreville, Md.          | Dugan, Rosamond             | Norristown, Pa.                |
| Valentine, Miriam Wells     | Bennington, Vt.           | Elitharp, Marie             | Watertown, N. Y.               |
| Vanderburgh, Eleanor May    |                           | Elliott, Jessie Gardner     | New York City                  |
|                             | Hastings-on-Hudson, N. Y. | Ellis, Marion               | Yonkers, N. Y.                 |
| Vickery, Margaret           | Ipswich, Mass.            | Esser, Anne Estelle         | Yonkers, N. Y.                 |
| Vincent, Dorothy            | Danville, Pa.             | Evans, Clara                | New York City                  |
| Wager, Jean Livingstone     | Troy, N. Y.               | Faber, Alice Gertrude       |                                |
| Walker, Mary Burnette       | Buffalo, N. Y.            |                             | Westwood, Cincinnati, Ohio     |
| Warner, Mona Lovell         | River Falls, Wis.         | Fish, Clara                 | New York City                  |
| Waterbury, Madeleine        | Skaneateles, N. Y.        | Fisher, Adela Breakstone    | Wilkes-Barre, Pa.              |
| Watkins, Grace Vida         | Indian Spring, Ga.        | Forchheimer, Marjorie Bazan | New York City                  |
| Weeks, Margaret Watson      |                           | Fox, Louise Heckinger       | Maysville, Ky.                 |
|                             | Nova Scotia, Canada       | Francisco, Elinor           | Middletown, N. Y.              |
| White, Mabel Greenwood      | Milwaukee, Wis.           | Frome, Esther               | East Orange, N. J.             |
| White, Margaret J.          | Southampton, N. Y.        | Furlong, Marie Elizabeth    | New York City                  |
| Widder, Mabel               | Mt. Vernon, N. Y.         | Gardiner, Ruth              | Taunton, Mass.                 |
| Williams, Marjorie Olive    | Scranton, Pa.             | Gardner, Georgia            | Leon, Iowa                     |
| Williams, Ruth Fallie       | Mankato, Minn.            | Gates, Marybelle            | Bronxville, N. Y.              |
| Wilson, Louise B.           | Brooklyn, N. Y.           | Gill, A. Langdon            | Haddonfield, N. J.             |
| Winckler, Ruth Bridge       | Asbury Park, N. Y.        | Graham, Eleanor Noltingham  | Paterson, N. J.                |
| Yost, Margaret Katherine    | Little Rock, Ark.         | Grenzbach, Frances A.       | New York City                  |
|                             |                           | Gunn, Carolyn Elizabeth     | Sunderland, Mass.              |
|                             |                           | Hall, Marjorie              | Indianapolis, Ind.             |
|                             |                           | Halley, Huldah G.           | Yonkers, N. Y.                 |
| Allinson, Zella             | New York City             | Hamilton, Helen Chandler    | East Orange, N. J.             |
| Anderson, Kate Bogue        | Avon, N. Y.               | Hart, Mary Josephine        | Denver, Col.                   |
| Baeza, Madeline A.          | New York City             | Harvey, Edith               | New York City                  |
| Ballantyne, Mary Ethelwyn   | Toronto, Canada           |                             |                                |

## SOPHOMORES—CLASS OF 1921

## REGISTER OF STUDENTS

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|-------------------------------|-------------------------|-----------------------------------------------|-------------------------------------|
| Heilbut, Lenore               | Long Island City, N. Y. | Smith, Helen Claire                           | Bloomfield, N. Y.                   |
| Heinberger, Sylvia O.         | Buffalo, N. Y.          | Smith, Margaretta A.                          | New York City                       |
| Herrington, Dorothy           | Bad Axe, Mich.          | Spalding, Frances B.                          | New York City                       |
| Howe, Ruby Jones              | Brooklyn, N. Y.         | Sterz, Gertrude                               | Woodcliff, N. J.                    |
| Hoxie, Dorothy Ellen          | Upper Montclair, N. J.  | Steeves, Elaine Bell                          | White Plains, N. Y.                 |
| Intermann, Eugenie S. (Mrs.), | New York City           | Stewart, Grace Lilian, Winnipeg, Man., Canada |                                     |
| Jennings, Grace Elizabeth     | Scranton, Pa.           | Stone, Frances Haven                          | New York City                       |
| Johnson, Margaretta Comstock  | Norwich, Conn.          | Stiehl, Ida Vera                              | White Plains, N. Y.                 |
| Johnson, Ruth Maude           | Murray Hill, N. J.      | Sweet, Mildred Lorraine                       | Binghamton, N. Y.                   |
| Jones, Ruth Whitney           | Cambridge, Md.          | Taylor, Mary Elizabeth                        | Abbott, Nel                         |
| Jones, C. Sylva               | Scranton, Pa.           | Teitelbaum, Blanche                           | Newark, N. J.                       |
| Journeay, Lucy Holmes         | Leonia, N. J.           | Thompson, Marion Frances                      | Jamestown, N. Y.                    |
| Kamsler, Bernice V.           | New York City           | Titus, Shirley Carew                          | San Francisco, Cal.                 |
| Kaplan, Leona                 | New York City           | Tousley, Theo. C.                             | Logansport, Ind.                    |
| Keller, George J.             | Bloomsburg, Pa.         | Tyler, Robert Daniel                          | Washington, D. C.                   |
| Kendrick, Caroline Jewett     | Tarrytown, N. Y.        | Wachman, May                                  | New York City                       |
| Knighton, Marian              | New York City           | Ward, Dolores                                 | Laguna del Carmen, Campedie, Mexico |
| Lamson, Rosita                | Norwalk, Conn.          | Ward, Marjorie                                | East Orange, N. J.                  |
| Lasser, Miriam                | Brooklyn, N. Y.         | Warren, Mary Margaret                         | Lockport, N. Y.                     |
| Lawrence, Martha S.           | Portsmouth, Va.         | Watkins, Dorothy V.                           | La Romana, Santo Domingo            |
| Levy, Helen Rosamond          | New York City           | Way, Julia Isabel                             | New York City                       |
| Lewis, Anna Elizabeth         | West Chester, Pa.       | Wellman, Laura Baldwin                        | Caledonia, N. Y.                    |
| Loesch, Louise                | Jersey City, N. J.      | White, Rosalind Louise, North Bennington, Vt. |                                     |
| Lord, Grace Augusta           | Santa Fe, N. M.         | Wood, Helen P.                                | New York City                       |
| McCrery, Jonnie               | New York City           | Wood, Margaret Rathbone                       | New York City                       |
| McTeigue, Frances Mary        | Pelham Heights, N. Y.   | Zwernehan, Eugenie Marie, Jersey City, N. J.  |                                     |
| Magilligan, Agnes Annie       | Brooklyn, N. Y.         |                                               | FRESHMEN—CLASS OF 1922              |
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| Martin, Anna Kendall          | New York City           | Barnaby, Catharine Corwin                     | Brooklyn, N. Y.                     |
| Maynard, Nellie               | Roscoe, N. Y.           | Barney, Laura Marjorie                        | Hornell, N. Y.                      |
| Martling, Agnes               | Blue Rapids, Kan.       | Battreall, Esther                             | St. Joseph, Mo.                     |
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| Miller, Josephine Virginia    | Bridgeport, Conn.       | Beller, Lillian Frances                       | Sea Cliff, L. I.                    |
| Minor, Marie Baldwin          | Flushing, N. Y.         | Bennett, Ella Aimee                           | New York City                       |
| Moffat, Constance             | Orange, N. J.           | Bouton, Josephine                             | Bloomfield, N. J.                   |
| Norton, Marion Alice          | Syracuse, N. Y.         | Bradley, Mildred Allen                        | Meriden, Conn.                      |
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| Olney, Mary                   | Leicester, Mass.        | Brown, Helen Lucille                          | Middletown, N. Y.                   |
| Ortmann, Lucile Madelene      | Mobile, Ala.            | Brown, Margaret Gregg                         | Patton, Pa.                         |
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| Ostrander, Lila Fay           | Plattsburg, N. Y.       | Caldwell, Esther                              | Yonkers, N. Y.                      |
| Payne, Ruth Muir              | Belton, S. C.           | Campbell, Dorothy Kingsland                   | Jersey City, N. J.                  |
| Pollak, Elsie                 | New York City           | Caswell, Elizabeth Reber                      | Bloomsburg, Pa.                     |
| Remick, Lola M.               | Ashtabula, Ohio.        | Chapman, Ruth Elizabeth                       | Bay City, Mich.                     |
| Richart, Margaret Elizabeth   | Elizabeth, N. J.        | Cline, Mildred                                | New Village, N. J.                  |
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| Rogers, Dorothy               | New York City           | Cottrell, Ellaverne                           | Luverne, Minn.                      |
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| Shields, Edythe Coralais      | New York City           | Doherty, Marie Evangeline                     | Peekskill, N. Y.                    |
| Siesel, Louisa Carrie         | Lancaster, Pa.          | Egan, Barbara Elizabeth                       | Valatie, N. Y.                      |
| Sinclair, Roberta Sweet       | Bisbee, Ariz.           |                                               |                                     |
| Sinsheimer, Julia L.          | New York City           |                                               |                                     |



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| Fishbein, Lillia              | New York City          | Niemeyer, Christine Louise     | Portsmouth, Va.     |
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| Frey, Elizabeth Anna          | Hammondspont, N. Y.    | Oram, Marion Frances           | Tuxedo Park, N. Y.  |
| Friedman, Eva                 | New York City          | Patterson, Louisa              | Wayland, Mass.      |
| Funk, Louise T.               | Shawnee, Okla.         | Penny, Esther Eugenia          | East Orange, N. J.  |
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| Goodman, Helene Edris         | Buffalo, N. Y.         | Powell, Katherine Helen        | Weehawken, N. J.    |
| Greene, Dorothy               | New York City          | Priest, Esther                 | Maplewood, N. J.    |
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| Hansen, Ruth Margaret         | Troy, N. Y.            | Richart, Margaret Elizabeth    | Elizabeth, N. J.    |
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| Heilbroner, Fannie Jeannette  | New York City          | Rosenberg, Margaret Lowengrund | Mt. Vernon, N. Y.   |
| Heilbrun, Helen Ruth          | New York City          | Rosencrans, Dorothy Louisa     | New York City       |
| Heinemann, Fannye Florence    | New York City          | Rosenfeld, Helen Frances       | New York City       |
| Herman, Florence              | New York City          | Rubel, Edith                   | New York City       |
| Hick, Lillian M.              | New York City          | Rudolph, Isabelle Rudolph      | Lakewood, Ohio      |
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| Hoffman, Mary                 | Tyrone, Pa.            | Salzman, Estelle Ruth          | Brooklyn, N. Y.     |
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| Johnson, Olivia               | Norwich, Conn.         | Spence, Natalie Barbour        | Jersey City, N. J.  |
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| Junghans, Alma Louise         | Ponce, P. R.           | Stafford, Pauline French       | New York City       |
| Kamaiky, Rebecca              | New York City          | Steckler, Ruth                 | New York City       |
| Katzenstein, Nadine           | New York City          | Swabsky, Ida                   | Brockton, Mass.     |
| Keating, Madeline A.          | New York City          | Tether, Emily Marion           | New York City       |
| Keyes, Irene                  | East Orange, N. J.     | Tompkins, Edna                 | Paterson, N. J.     |
| Kilpatrick, Margaret Louise   | New York City          | Tyroler, Evelyn Frances        | Euclid, Ohio        |
| Klaas, Henrietta Frances      | Montclair, N. J.       | Tyson, E. Corinne              | Flora Dale, Pa.     |
| Koorie, Sadie                 | Paterson, N. J.        | Usher, Florence Clotilde       | Union Hill, N. J.   |
| Krueger, Norma Helen Robbins  | New York City          | VanHorn, Marjorie              | Jersey City, N. J.  |
| Kurkjian, Anahid              | New York City          | Walker, Josephine Kaufman      | Byhalia, Miss.      |
| Larrick, Harriet B.           | Kalamazoo, Mich.       | Ward, Dorothy Kelsey           | East Orange, N. J.  |
| Lewis, Marion Augusta         | Richmond Hill, N. Y.   | Weddle, Amy Victoria           | New York City       |
| Loewenberg, Marie             | New York City          | Wellman, Laura Baldwin         | Caledonia, N. Y.    |
| McCormick, Olive Agnes        | San Antonio, Tex.      | Whitman, Hazel B.              | New York City       |
| MacDonald, Vivian Campbell    | Jersey City, N. J.     | Wilkin, Florence Emily         | Matamoras, Pa.      |
| McGee, Kathryn Olive          | Marietta, Ohio         | Wimpie, Nina                   | New York City       |
| McKain, Marjorie              | Parkersburg, W. Va.    | Winckler, Edith                | Asbury Park, N. J.  |
| McKerchar, Margaret Lauria    | Winnipeg, Man., Canada | Wolff, Alice E. L.             | New York City       |
| McKerchar, Mary Elva          | Winnipeg, Man., Canada | Wraith, Erma Mabel             | New York City       |
| McKinney, Emma Thomas         | Jamaica, L. I.         | Young, Vinnette Estelle        | Cleveland, Ohio     |
| MacKnight, Grace Lydia        | Reading, Pa.           | Zeeman, Lieba Thelma           | New York City       |
| Mahan, Octavia Clemant        | Danville, Va.          |                                |                     |
| Marchant, Elizabeth Katherine | Plainfield, N. J.      |                                |                     |
| Marcus, Dorothy               | Dallas, Tex.           |                                |                     |
| Menzel, Madeleine Ernestina   | Mt. Vernon, N. Y.      |                                |                     |
| Mitchell, Florence Emeline    | Adrian, Mich.          |                                |                     |

## UNCLASSIFIED STUDENTS

|                           |                          |
|---------------------------|--------------------------|
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| Adams, Grace Elizabeth    | Brooklyn, N. Y.          |
| Ainslie, Katharine Marion | Whitestone, Ont., Canada |
| Aldridge, Ruth Haskins    | Rome, N. Y.              |
| Allen, Anna               | Fort Scott, Kan.         |



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| Argue, Ethel Louise           | Buffalo, N. Y.                     | Conklin, Marion Gertrude        | Saddle River, N. J.          |
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|                               | Bucay Abra, Philippines            | Connell, Janet Augusta          | Scranton, Pa.                |
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| Bally, Thea Olga              | Cranford, N. J.                    | Cozine, Dorothy Catherine       | Brooklyn, N. Y.              |
| Barber, Edith Adah            | Minneapolis, Minn.                 | Cragin, Ethel R.                | Rochester, N. Y.             |
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| Baskin, Marion Louise         | Bishopville, S. C.                 | Cubberley, Evelyn Jones         | Scranton, Pa.                |
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| Beebe, Katharine              | New York City                      | Cullen, Rose Miriam             | Kingston, N. Y.              |
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| Berry, Adelaide Beekman       | New Rochelle, N. Y.                | Davis, Mene McPherson           | Omaha, Neb.                  |
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| Bliss, Natalie                | Brooklyn, N. Y.                    | Dibble, Frances Jane            | Hillsdale, Mich.             |
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| Campbell, Estelle             | New York City                      | Forbess, Elba Mae               | Fort Worth, Tex.             |
| Campbell, Robert Arthur       | New York City                      | Ford, Julia Louisa              | Buffalo, N. Y.               |
| Carleton, Mary Geraldine      | Flushing, N. Y.                    | Ford, Netta                     | Hawley, Pa.                  |
| Carothers, May I.             | Dunkirk, N. Y.                     | Ford, Virginia Eleanore         | Carlyle, Ill.                |
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| Carter, Dorah Raymond         |                                    | Fowler, Dorothy Lawson          |                              |
|                               | Barnesville, New Brunswick, Canada |                                 | Amherst, Nova Scotia, Canada |
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| Chanler, Alida                | New York City                      | Frederick, Bertha May           | Grantwood, N. J.             |
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| Clark, Alice Petra            | Philomath, Ore.                    | Freeman, Eileen Nannie          | South Orange, N. J.          |
| Clarke, Katharine C.          | Morristown, N. J.                  | Frey, Martha Brown              | Circleville, Ohio            |
| Clement, Bertha Bishop        | East Orange, N. J.                 | Gardiner, Ernestine Williams    | Tokyo, Japan                 |
| Cline, James DeForest         | Cheney, Wash.                      | Gates, Rhea                     | Oshkosh, Wis.                |
| Cobb, Louise Staples          | New York City                      | Geitner, Eleanor Anna           | New Brunswick, N. J.         |

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| George, Allie                      | Denton, Tex.           | James, Helen Field          | Hudson, N. Y.            |
| Gibbs, Clara Van Ness              | Dunkirk, N. Y.         | Johnson, Anna               | Wilcox, Pa.              |
| Gilbert, Nellie Mary               | Cincinnati, Ohio       | Johnson, Margie Adelaide    | Springfield, Ohio        |
| Gillette, Maude M.                 | Shortsville, N. Y.     | Johnson, Marjorie Anne      | Helena, Mont.            |
| Gilliss, Jean Davidson,            |                        | Johnson, Mary Elise         | Royersford, Pa.          |
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| Godson, Rose                       | New York City          | Jordan, May O.              | Brooklyn, N. Y.          |
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| Goodlett, Elaine                   | New York City          | Kahrs, Lillian Agnes        | Hoboken, N. J.           |
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| Granger, Edith                     | Brooklyn, N. Y.        | Kay, Helen Boak             | New York City            |
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| Hall, Frances Jane                 | New York City          | Kurkjian, Alice Sylvia      | New York City            |
| Hallett, May Margaret              | Denver, Col.           | Lake, Mrs. J. R.            | Evanston, Ill.           |
| Hanchette, Mary Estelle            | Hancock, Mich.         | Lake, Marjorie Larish       | Central City, Col.       |
| Harding, Edith Vern                | South Bend, Ind.       | Lange, Hildur Constance     |                          |
| Harper, Lillie Hyde                | New York City          |                             | Copenhagen, Denmark      |
| Harrison, Gertrude (Mrs.)          | La Crosse, Wis.        | Lange, Olga Johanne         | Copenhagen, Denmark      |
| Hart, Marie Louise                 | Middletown, N. Y.      | LaPlante, Nina Lee          | West Chazy, N. Y.        |
| Harter, Ruth Brigham (Mrs.)        |                        | LaPlante, Pearl             | West Chazy, N. Y.        |
|                                    | Grand Rapids, Mich.    | La Pointe, Liana            | New London, Conn.        |
| Hartz, Mary Agnes                  | Logansport, Ind.       | Laralde, Francisco          | Clara, Cuba              |
| Hayward, Frances                   | Boston, Mass.          | Larock, Gladys Jeanette     | St. Albans, Vt.          |
| Heelan, Elsie May                  | New York City          | Leitch, Norma Patton        | Poughkeepsie, N. Y.      |
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|                                    | New York City          | Libby, Minnie Moore         | Laconia, N. H.           |
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| Hinman, Helen                      | New York City          | Little, Irwinna             | New York City            |
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| Holliday, Florence Baker (Mrs.)    |                        | Lowenberg, Nell             | Cincinnati, Ohio         |
|                                    | Indianapolis, Ind.     | McCormick, Clara Anna       | San Antonio, Tex.        |
| Holt, Louise Alice                 | Malden, Mass.          | McDonald, Sallie De         | Silver Point, Tenn.      |
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| Hoyt, Louise                       | Bridgeport, Conn.      | McNeel, Mabel Loucinda      | Chesley, Ont., Can.      |
| Humphrey, Constance McCalmont      |                        | Mabie, Helen Rockwell       | Summit, N. J.            |
|                                    | Kalamazoo, Mich.       | Maier, Jacob Herman         | New York City            |
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| Hutchins, Margaret                 | Palmyra, N. Y.         | Martin, Charles James       | New York City            |
| Jacobsen, Jennie Charlotte         | Willmette, Ill.        | Mary, Marie E.              | Brooklyn, N. Y.          |
| Jacobson, Amanda                   | New York City          | Massey, Mary Adeline        | Sewickley, Pa.           |
| Jahn, Henrietta Maria              | Passaic, N. J.         | Mather, Erica Winifred      | Montclair, N. J.         |
| James, Eunice                      | New York City          | Mead, Emma Iowa (Mrs.)      | Wichita, Kan.            |

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| Harrisville, Moncton, N. B., Canada  |                           | Ruggles, Dorothy Long                       | Towanda, Pa.            |
| Milton, Edith Hannah                 | Madison, N. J.            | Rulison, Alpha Irene                        | Reno, Nev.              |
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| Minhinnick, Lillian Edith            | New York City             | Russell, Muriel Atherton                    | New York City           |
| Moffat, Virginia                     | Orange, N. J.             | Russell, Robbin                             | New York City           |
| Monroe, Jeanette                     | Yonkers, N. Y.            | Sanborn, John                               | New York City           |
| Montgomery, Frances C.               | Florence, Col.            | Sands, Ida French                           | Denver, Col.            |
| Moore, Florence Sutton               | New York City             | Sanford, Margaret C.                        | Glen Ridge, N. J.       |
| Muhlenberg, Virginia Dunham          | Reading, Pa.              | Sargent, Mary Forward (Mrs.)                |                         |
| Murphy, Molly Desmond                | Norwich, Conn.            |                                             | New York City           |
| Newman, Marion Carroll               | New London, Conn.         | Saruya, Dona                                | New York City           |
| Nichols, Harriet H.                  | Fulton, N. Y.             | Sayles, Florence Alice                      | Chinkiang, China        |
| Nordell, Anna                        | Brooklyn, N. Y.           | Scantlebury, Eva                            | Utica, N. Y.            |
| Nyitray, Ethel                       | Hastings-on-Hudson, N. Y. | Schmieg, Frieda M.                          | Elmhurst, L. I.         |
| Okiyama, Hanae Ruth                  | Ogasawara, Japan          | Schoenfeld, Helen                           | Batavia, N. Y.          |
| O'Meara, Marie Medin                 | Butte, Mont.              | Schultz, Isabelle                           | Baltimore, Md.          |
| Paul, Sister Mary                    | Rochester, Minn.          | Scott, Anna                                 | Hackensack, N. J.       |
| Paulin, Frances Marie                | Leonla, N. J.             | Sears, Harriet Reed                         | Leonla, N. J.           |
| Paulson, Esther F.                   | Yonkers, N. Y.            | Seely, Georgie                              | Havelock, N. B., Canada |
| Pease, Ramona Antisdale              | Hudson, Mich.             | Seip, Marion Geiser                         | Easton, Pa.             |
| Pepper, Olive Walton                 | Allensville, Ky.          | Sengel, Anna Marion                         | New York City           |
| Peters, Daphne Etta                  | Omaha, Neb.               | Settles, Olive                              | New York City           |
| Peters, William Henry                | Bloomfield, N. J.         | Seymour, Clara Damrosch (Mrs.)              |                         |
| Phinney, Charlotte Bartlett          | Woburn, Mass.             |                                             | New York City           |
| Phipps, Mary E.                      | Roselle, N. J.            | Shea, Mae                                   | Brooklyn, N. Y.         |
| Pike, Florence Sarah                 | Portland, Ore.            | Sherry, Louise Antoinette                   | Carthage, N. Y.         |
| Potter, Sarah Elsie                  | Henry, Ill.               | Sherwood, Bessie Wallace                    |                         |
| Powell, Mary Esther                  | Portland, Ore.            |                                             | Livingston Manor, N. Y. |
| Preece, Jean Gertrude                | Battle Creek, Neb.        | Shields, Beulah Frances                     | Ogdensburg, N. Y.       |
| Pendergast, Irene Hull (Mrs.)        | Brooklyn, N. Y.           | Shipman, Dorothy                            | New York City           |
| Prigge, Lillian A.                   | Jersey City, N. J.        | Shupp, Dorothea Louise, W.                  | Philadelphia, Pa.       |
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| Pritchett, Mary Montgomery           | Huntsville, Tex.          | Simmons, Martha Virginia                    | New York City           |
| Puddington, Dorothy                  | Madison, N. J.            | Simpson, Dorothea G.                        | Kansas City, Mo.        |
| Quinn, Gertrude Claire               | Jersey City, N. J.        | Slick, Vivian                               | Boise, Idaho            |
| Rabbach, Rose                        | New York City             | Smensee, Anna Olivia                        | Columbus, Ohio          |
| Ralston, Adele (Mrs.)                | New Orleans, La.          | Smith, Ethel Amelia                         | Morsemer, N. J.         |
| Randall, Grace Evelyn                | Willimantic, Conn.        | Smith, E. Evelyn                            | Katonah, N. Y.          |
| Ranney, Edith Sara                   | Fairport, N. Y.           | Smith, Gertrude M.                          | Canton, Ohio            |
| Raub, Josephine                      | New London, Conn.         | Smith, Gertrude Reid                        | Omaha, Neb.             |
| Rawlings, Margery                    |                           | Smith, Mabel R.                             | New York City           |
| Upper Redlands Rd., Reading, England |                           | Smith, Marie Olean                          | Fredericksburg, Va.     |
| Read, Margaret Hallock               | New York City             | Smith, Mattie L.                            | Springfield, Ill.       |
| Reh, Jeanette                        | Toledo, Ohio              | Smith, Phyllis Louise, Whitby, Ont., Canada |                         |
| Reilly, Anne F.                      | New York City             | Smith, Young (Mrs.)                         | New York City           |
| Ricker, Elizabeth D.                 | Bay Harbor, Me.           | Snyder, Frances Eurette                     | New York City           |
| Riker, Frances Townsend              | Red Bank, N. J.           | Solomon, Rebecca                            | New York City           |
| Roberts, Alta                        | Girard, Kan.              | Spaulding, Grace (Mrs.)                     | New York City           |
| Robinson, Anna E.                    | New York City             | Stamenova, Parashka Katherine               |                         |
| Robinson, Julia Gill                 | Pulaski, Va.              |                                             | Toronto, Ont., Canada   |
| Rockwell, Isabel                     | Glen Ridge, N. J.         | Stevenson, Susan                            | New York City           |
| Roeder, Mary Stein                   | Glen Rock, Pa.            | Stewart, Laotta McHenry                     | Indiana, Pa.            |

|                                |                         |                              |                           |
|--------------------------------|-------------------------|------------------------------|---------------------------|
| Storm, Freda                   | Spokane, Wash.          | Vaughan, Marguerite Cannon   | Norfolk, Va.              |
| Story, Aletha DuBois           | Catskill, N. Y.         | Vroon, Mary A.               | Port Richmond, N. Y.      |
| Strong, Isabelle Wright        | Hamilton, Canada        | Wade, Mary Elizabeth         | Emporia, Kan.             |
| Sussdorff, Agnes Elizabeth     | Brooklyn, N. Y.         | Walcutt, Alice               | Montclair, N. J.          |
| Sweeney, Anna Maria            | Greenfield, Mass.       | Warren, Juanita Evans (Mrs.) | Tampa, Fla.               |
| Tan, Cesarea                   | Manila, Philippines     | Wetterau, Charlotte Augusta  | Hazleton, Pa.             |
| Taylor, George Margaretta      | Demopolis, Ala.         | Wheeler, Ida Willsea         | White Plains, N. Y.       |
| Taylor, Jane Bliss             | New York City           | Whitaker, Orie St. Clair     | Milledgeville, Ga.        |
| Temple, Julia                  | Ogdensburg, N. Y.       | Whitcomb, Edna Caroline      | Keene, N. H.              |
| Terhune, Lorraine Virginia     |                         | Whitlock, Charlotte Osgood   | New York City             |
|                                | Pompton Lakes, N. J.    | White, Margaret (Mrs.)       | New York City             |
| Thatcher, Mary Katherine       | Bridgeton, N. J.        | White, Marion Humphrey       | Hartford, Conn.           |
| Thibaut, Natalie Josephine     | New York City           | Whitesides, Lula L.          | Gastonia, N. C.           |
| Thom, Mary Gordon              | Baltimore, Md.          | Whitlock, Charlotte O.       | New York City             |
| Thomas, Eva Eletha J.          | Philadelphia, Pa.       | Whitlow, Jane Winifred       |                           |
| Tompkins, Edith                | Brooklyn, N. Y.         |                              | Newton Lower Falls, Mass. |
| Thompson, Eliza Bailey         | New York City           | Wightman, Elizabeth Ruby     | Mt. Pleasant, Mich.       |
| Towner, Ethel M                | New York City           | Williamson, Edith J.         | Yonkers, N. Y.            |
| Traub, Laura Maude             | New York City           | Wilson, Beatrice Anna        | New York City             |
| Treganza, Ruth Robinson (Mrs.) |                         | Winchester, Anne Gordon      | New York City             |
|                                | New York City           | Womer, M. Edna               | Youngstown, Ohio          |
| Turnbull, Mary Elizabeth       | New York City           | Wooten, Corinne              | New York City             |
| Van Cleve, Ruth                | Montclair, N. J.        | Wretling, Alma H.            | St. Paul, Minn.           |
| Vanderburgh, Eleanor May       |                         | Wylie, Irene E. Burt         | New York City             |
|                                | Siangton, Hunan, China  | Young, Helen                 | Mt. Vernon, N. Y.         |
| Van Eps, Floyd Cecil           | Rockville Center, L. I. | Zurawski, Helen Marie        | Burlington, Iowa          |
| Van Wagemen, Mary Lucy         | Orange, N. J.           |                              |                           |



# REGISTER OF STUDENTS

## BARNARD COLLEGE

### SENIORS—CLASS OF 1919

#### CANDIDATES FOR THE A.B. DEGREE

|                               |                        |                               |                     |
|-------------------------------|------------------------|-------------------------------|---------------------|
| Adams, Eileen Rose            | New York City          | Lichtenstein, Julia Valentine | Hoboken, N. J.      |
| Alfke, Adele Leonore          | New York City          | Lind, Ernestine Miriam        | New York City       |
| Anthony, Marion Erwin         | Gouverneur, N. Y.      | Lowenstein, Edith Sophie      | New York City       |
| Ballot, Jeanne Elise          | New York City          | McDaniel, Laura Frances       | Patchogue, N. Y.    |
| Benedict, Marion J.           | North Tarrytown, N. Y. | Mann, Bertha Halle            | Mt. Vernon, N. Y.   |
| Birdseye, Dorothy Carroll     | New York City          | Mayer, Victorine Kops         | New York City       |
| Boas, Gertrud Marianne        | Grantwood, N. J.       | Meneely, Janet Duncan         | Hackensack, N. J.   |
| Brittain, Esther              | Batavia, N. Y.         | Miller, Helen Marjorie        | Mt. Vernon, N. Y.   |
| Brockway, Dorothy             | New York City          | Moore, Olive Victoria         | Pasadena, Cal.      |
| Bunger, Anna Gertrude         | Ferndale, N. Y.        | Morgan, Grace Beulah          | Mt. Vernon, N. Y.   |
| Conway, Edith Dorothea        | Holyoke, Mass.         | Morgenthau, Dorothy Ruth      | New York City       |
| Curnow, Eleanor Lucile        | New York City          | Morrison, Ruth Alexandra      | New York City       |
| Curtiss, Leah Kirby           | Tarrytown, N. Y.       | Munstock, Grace Charlotte     | New York City       |
| Deul, Verena Grantena         | Corning, N. Y.         | Neuville, Edna Catherine      | Schenectady, N. Y.  |
| Dewey, Lucy Alice             | New York City          | Ogden, Margaret Armitage      | New York City       |
| Diehl, Viola Margaretta       | Flagtown, N. J.        | Peters, Katherine Harrower    | New York City       |
| Dochterman, Elsie             | New York City          | (Mrs. Frazier F. Peters)      |                     |
| Ferguson, Margaret            | East Orange, N. J.     | Peters, Lucretia McClure      | New York City       |
| Foley, Helen Cecelia          | New York City          | Puerschner, Otilie            | Cranbury, N. J.     |
| Frederickson, Helen Elizabeth | New York City          | Reder, Frances                | New York City       |
| Garber, Rose                  | Cleveland, Ohio        | Reid, Phyllis Helen           | New York City       |
| Geer, Gertrude Marshall       | New York City          | Rosenthal, Edith Charlotte    | New York City       |
| Goebell, Alice Geraldine      | Summit, N. J.          | Ruff, Bernice Charlotte       | Belleville, N. J.   |
| Goldsmith, Dorothy Belle      | New York City          | Rule, Frances Daniel          | Chicago, Ill.       |
| Gower, Susan                  | Greenville, S. C.      | Sakamoto, Kei                 | Seattle, Wash.      |
| Guggenheim, Beatrice C.       | New York City          | Schaaf, Georgie Philippine    | New York City       |
| Guinzburg, Lenore Kleinert    | New York City          | Schuster, Merle Hunter        | New York City       |
| Gunther, Erna Cornelia        | New York City          | Slocum, Helen Louise          | Oswego, N. Y.       |
| Hayner, Lucy Julia            | Troy, N. Y.            | Smith, Eudora Isabel          | Bayport, N. Y.      |
| Heimerdinger, Lucile Wolf     | New York City          | Sweeney, Annette Rose         | New York City       |
| (Mrs. Charles Heimerdinger)   |                        | Tappan, Vivian                | Englewood, N. J.    |
| Henderson, Ruth Evelyn        | New York City          | Taylor, Elinore Wright        | Toledo, Ohio        |
| Hennessy, Helen Margaret      | Roslyn, N. Y.          | Terriberry, Elizabeth         | New York City       |
| Heyman, Freda                 | Newburgh, N. Y.        | Thomas, Mary Pamela           | New York City       |
| Heyman, Mildred Edwina        | Newburgh, N. Y.        | Townsend, Marian Diller       | New York City       |
| Jacobs, Estelle               | New York City          | Tusa, Theresa                 | New York City       |
| Johnson, Catharine Rawlings   | Kansas City, Mo.       | Veit, Verna                   | New York City       |
| Johnson, Edith Florence       | Westbury, N. Y.        | Wallace, Helene Ruth          | New York City       |
| Kammerer, Mildred Katherine   | New York City          | Warren, Marion Boyd           | Yonkers, N. Y.      |
| Klopman, Vera Viva            | New York City          | Weary, Erica Hutchins         | Texarkana, Tex.     |
| Koch, Elsa Emma               | New York City          | Weil, Anna Piza               | New York City       |
| Konovitz, Leah Minnie         | New York City          | Welzmler, Grace Reed          | New York City       |
| Koster, Lucetta M.            | New York City          | Wesendonck, Myrrha A.         | New York City       |
| Lahiff, Aileen Theresa        | New York City          | Weston, Rey                   | Washington, D. C.   |
| Lambert, Constance            | Mt. Vernon, N. Y.      | Whipple, Isabel Carolyn       | New York City       |
| Lee, Lucy Carter              | Macon, Ga.             | Williams, Charlotte E.        | Roselle Park, N. J. |
|                               |                        | Williams, Helen G. P.         | New York City       |
|                               |                        | Woodbridge, Ruth              | New York City       |

Young, Jessy Emilie New York City  
 Zwemer, Susanna Pierce Sioux City, Iowa  
 (Mrs. Richard A. Zwemer)  
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## SCIENCE COURSE

Carey, Cornelia Lee West Orange, N. J.  
 Gatewood, Elizabeth S. Newport News, Va.  
 Lewy, Ruth Lillian New York City  
 Pfaltz, Mimosa Hortense New York City  
 Potter, Dorothy Langdon Hackensack, N. J.  
 Saunders, Helen New York City  
 Willman, Edith New York City

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## JUNIORS—CLASS OF 1920

## CANDIDATES FOR THE A. B. DEGREE

Archibald, Mary Leone Margaretville, N. Y.  
 Armstrong, Elizabeth Howard New York City  
 Baldwin, Evelyn Mary Hackensack, N. J.  
 Ball, Gladys Martin Portsmouth, Va.  
 (Mrs. David Ball)  
 Baranoff, Helen New York City  
 Barrington, Alice Livingston New York City  
 Barrington, Marjory Livingston New York City  
 Barry, Corinne Alice New York City  
 Barten, Hortense Marguerite New York City  
 Barton, Helen Carolyn New York City  
 Bien, Esther Rudolph New York City  
 Blake, Dorothy May New York City  
 Borden, Alice Joyce Englewood, N. J.  
 Borden, Margaret Charlotte Gowanda, N. Y.  
 Borst, Helen Clara New York City  
 Bostwick, Winifred Francis New York City  
 Boucher, Marguerite Allen New York City  
 Brand, Edna Rose New York City  
 Breaker, Helen New York City  
 Brosnan, Katharine Therese New York City  
 Brown, Jean Elizabeth New York City  
 Brubaker, Ruth Kraybill, Mountain View, N. J.  
 Buchman, Aline Sophie New York City  
 Burne, Dorothy Huntington, N. Y.  
 Butler, Dorothy Yonkers, N. Y.  
 Calhoun, Helen B. Hasbrouck Heights, N. J.  
 Campbell, Isabel Catherine Hanover, Ill.  
 Campbell, Mary Eloise Charlestown, W. Va.  
 Carbonara, Teresa Adelaide New York City  
 Carr, Elecia Fryer New York City  
 Clark, Marjorie Louise New City, N. Y.  
 Chalmers, Ruth Deborah New York City  
 Chase, Jane Kerr Spring Brook, Wis.  
 Clarke, Helen St. John Bogota, N. J.  
 Colucci, Edna Caroline New York City  
 Cooksey, Catherine Irene Mt. Vernon, N. Y.  
 Cox, Mary Louise Crawford, N. J.  
 Crandall, Lola Marion Fulton, N. Y.  
 Crookall, Mary Madeleine New York City  
 Crowley, Margaret Phoebe Lynn, Mass.  
 Curry, Eleanor May Staunton, Va.

Dowling, Emily May New York City  
 Everson, Ida Gertrude New York City  
 Finkler, Martha Ruth New York City  
 Fricke, Gertrude New York City  
 Friedman, Lillian Cecile New York City  
 Garner, Margaret Elizabeth Wantagh, N. Y.  
 Gillespie, Margaret Mary New York City  
 Gross, Selma Mt. Vernon, N. Y.  
 Gruggel, Christine Ingeborg New York City  
 Gutmann, Mabel New York City  
 Hall, Dorothy New York City  
 Harris, Dorothy Elizabeth Arden, N. C.  
 Herod, Elizabeth Nola New York City  
 Herod, Margaret Nola New York City  
 Herrmann, Gretchen New York City  
 Hicks, Helen Louise Newark, N. J.  
 Himmelberger, Kathryn Jersey City, N. J.  
 Hoffman, May New York City  
 Hopkins, Anne McHenry Savannah, Ga.  
 Houghton, Ruth New York City  
 Hurewitz, Estelle New York City  
 Irwin, Winifred Frances Quincy, Ill.  
 Jamieson, Irene Spokane, Wash.  
 Jarecky, Felice Helen New York City  
 Jarvis, Ruth Frances Central Park, N. Y.  
 Jennings, Amy Sidney New York City  
 Jentz, Veronica Dorothy Jersey City, N. J.  
 Judson, Alice Isabel New York City  
 Kaufmann, Marion Sophie New York City  
 Kennard, Elaine Muriel Tarrytown, N. Y.  
 Kerr, Grace Mayfred New York City  
 Kohnstamm, Myra Esther New York City  
 Kopald, Sylvia Beatrice New York City  
 Kossman, Ethel Adelaide New York City  
 Kriegsmann, Helen Emma New York City  
 Kydd, Mary Marjorie New York City  
 Landauer, Tekla Picard Albion, N. Y.  
 Lane, Maud Lillian Springfield, Mass.  
 Leding, Aline Martha Ridgewood, N. J.  
 Leslie, Agnes Jamison New York City  
 Lesser, Julia New York City  
 Levi, Marion Ella New York City  
 Le Vino, Rose New York City  
 Liebeskind, Hedwig Frances New York City  
 Lockhart, Marjorie Lee Jersey City, N. J.  
 London, Ruth Berenice New York City  
 McKenzie, Janet Utica, N. Y.  
 McNab, Margaret Helen Dallas, Tex.  
 Maas, Agnes Kathryn New York City  
 Macfarlane, Jean Knox Salem Center, N. Y.  
 Mack, Beatrice New York City  
 MacMahon, Aline Laveen New York City  
 Magaw, Martha Kathryn Franklin, Ind.  
 Marsh, Agnes Lewis Bridgeport, Conn.  
 Marshall, Ruth New York City  
 Martin, Ramona New Britain, Conn.  
 Medigovich, Milica Bisbee, Ariz.  
 Meissner, Elsa Martha West Hoboken, N. J.  
 Meixell, Louise Granville Henry New York City

|                             |                        |                                          |                     |
|-----------------------------|------------------------|------------------------------------------|---------------------|
| Miller, Gertrude Allan      | New York City          | Witte, Juliette                          | New York City       |
| Muhlfeld, Marie             | New York City          | Wood, Mabel Travis                       | Tarrytown, N. Y.    |
| Myers, Margaret Good        | East Orange, N. J.     | [159]                                    |                     |
| O'Brien, Marion             | Perth Amboy, N. J.     | SCIENCE COURSE                           |                     |
| Oldenbusch, Carrie          | New York City          | Carmody, Marie Rose                      | Mt. Vernon, N. Y.   |
| Omeis, Marie Louise Florida | New York City          | Koerner, Sophie                          | New York City       |
| Opdycke, Mary Ellis         | New York City          | Mahneke, Pauline C. M.                   | New York City       |
| Piel, Agnes Helene          | Hewlett, N. Y.         | Piersall, Catherine E.                   | New York City       |
| Pope, Regina                | Caldwell, N. J.        | Robb, Dorothy Adele                      | New York City       |
| Powell, Josephine Mason     | New York City          | Sternberg, Lillian                       | New York City       |
| Rabe, Elizabeth Valerie     | New York City          | Valentine, Ann Pasteur                   | Richmond, Va.       |
| Rafter, Lucy Christiana     | Port Washington, N. Y. | [7]                                      |                     |
| Rawson, Margaret Perry      | Asbury Park, N. J.     | CANDIDATE FOR TRANSFER TO A PROFESSIONAL |                     |
| Raynor, Amy Tuttle          | Islip, N. Y.           | SCHOOL OF THE UNIVERSITY                 |                     |
| Raynor, Constance           | Montclair, N. J.       | Coates, Eleanor Laura                    | New York City       |
| Reid, Edith Marion          | Mt. Vernon, N. Y.      | [1]                                      |                     |
| Ressmeyer, Gertrude H.      | New York City          | Juniors—Class of 1920.....167            |                     |
| Rosenberg, Marion Yosta     | New York City          | SOPHOMORES—CLASS OF 1921                 |                     |
| Rosenberg, Sarah Rae        | New York City          | CANDIDATES FOR THE A. B. DEGREE          |                     |
| Rothschild, Louise Theresa  | New York City          | Adams, Leonie Fuller                     | New York City       |
| Sartorius, Bertha Smith     | New York City          | Ahrens, Edyth May                        | New York City       |
| Scancarello, Concettina J.  | New York City          | Ammermuller, Gertrude Veronica           | New York City       |
| Schwartz, Esther            | New York City          | Andrews, Leonora Louise                  | New York City       |
| Scroggin, May               | Little Rock, Ark.      | Arkins, Mildred Lucille                  | New York City       |
| Seidman, Helen May          | Newark, N. J.          | Ashley, Helen Carolyn                    | New York City       |
| Sens, Lucille Marie         | New York City          | Baer, Marian Magnus                      | Mt. Vernon, N. Y.   |
| Sexton, Caroline Graham     | Orange, N. J.          | Ball, Helen Elizabeth                    | South Orange, N. J. |
| Shafer, Katherine Armstrong | New York City          | Barton, Martha Elizabeth                 | Marion, Ark.        |
| Silbert, Dorothy            | Plainfield, N. J.      | Bay, Theodosia Catherine                 | Maplewood, N. J.    |
| Silver, Edith               | New York City          | Becker, Beatrice Lamberton               | New York City       |
| Simons, Bessie Ruth         | New York City          | Bendheim, Gertrude                       | New York City       |
| Skinner, Theodora Booth     | Guilford, Conn.        | Beney, Margarete Ada                     | New York City       |
| Smith, Genevieve Marie      | Hornell, N. Y.         | Benton, Pauline                          | Burlington, Vt.     |
| Smith, Kathryn Lindsley     | New York City          | Binzen, Vera Lenore                      | New York City       |
| Smith, Leolyn Clark         | Hackensack, N. J.      | Brown, Frances Swan                      | New York City       |
| Stanbrough, Georgia Lydia   | New York City          | Burkholder, Grace Ritchie                | Arrowsmith, Ill.    |
| Stroock, Blanche Marion     | New York City          | (Mrs. S. R. Burkholder)                  |                     |
| Sutton, Mary Elizabeth      | Jersey City, N. J.     | Burroughs, Marion Rapelje                | New York City       |
| Tewes, Mathilde Clara       | New York City          | Butler, Lovilla Laura                    | New York City       |
| Torek, Gretchen Irma        | New York City          | Byrne, Louise Marie                      | New York City       |
| Toth, Erzsebet Zsuzsana     | Yonkers, N. Y.         | Carhart, Grace Merle                     | Peekskill, N. Y.    |
| Touroff, Lillian Eleanor    | New York City          | Carter, Aldine                           | New York City       |
| Townsend, Elizabeth         | New York City          | Clark, Juliet Cornell                    | Northport, N. Y.    |
| Travis, Marion              | New York City          | Clark, Lois Hasseltine                   | Kansas City, Mo.    |
| Uhrbrock, Marie Elsie       | New York City          | Cocke, Frances Clara                     | Warrentown, Va.     |
| Valentine, Louise Hyde      | New York City          | Cooke, Gertrude Antoinette               | New York City       |
| Van Wart, Edna              | White Plains, N. Y.    | Davey, Dorothy Claribel                  | New York City       |
| Vernon, Lucile              | Bonham, Tex.           | Davidson, Miriam                         | New York City       |
| Vorhaus, Ada                | New York City          | Decker, Katharine Louise                 | New York City       |
| Wallerstein, Bertha         | New York City          | von Deesten, Florence Maria              | Hoboken, N. J.      |
| Walser, Violet Elizabeth    | New York City          | Dinsmore, Emma Adelaide                  | Baltimore, Md.      |
| Wegner, Hattie Louise       | New York City          | Drachman, Mathilde Madeline              | New York City       |
| Weil, Dorothy Piza          | New York City          | Durgin, Marion Thayer                    | Franklin, N. H.     |
| White, Helen Myrick         | Paterson, N. J.        | Ehrich, Ruth Adele                       | New York City       |
| Whyte, Beatrice Methven     | Tarrytown, N. Y.       | Ehrich, Ruth J.                          | New York City       |
| Widrevitz, Laura            | New York City          | Eisenman, Anna Josephine                 | Bridgeport, Conn.   |
| Wilkens, Margaret Hermine   | New York City          | von Eltz, Luenna                         | New York City       |
| Williams, Gertrude Mayne    |                        | Fair, Virginia Elizabeth                 | New York City       |
|                             | Johnson City, Tenn.    |                                          |                     |



|                                  |                     |                                 |                     |
|----------------------------------|---------------------|---------------------------------|---------------------|
| Fawcett, Lillian Margaret        | Plainfield, N. J.   | Muhlfeld, Helen Elizabeth       | New York City       |
| Fine, Estelle                    | New York City       | Nance, Margaret Aileen          | New York City       |
| Fishburn, Mary Evelyn            | Roanoke, Va.        | Newman, Helen Elizabeth         | Philadelphia, Pa.   |
| Fisher, Maude Browning           | New York City       | Nolan, Margaret Anna            | New York City       |
| Fisk, Madeleine Josephine        | Mt. Vernon, N. Y.   | Paterson, Ruth                  | New York City       |
| Fox, Edna Johana                 | New York City       | Peters, Marion Emilie           | New York City       |
| Frost, Lesley                    | Amherst, Mass.      | Pickhardt, Phyllis Marie        | Pelham, N. Y.       |
| Garfiel, Evelyn                  | New York City       | Pindar, Magdalena Lehman        | New York City       |
| Garrison, Mary Louise            | Logansport, Ind.    | Reichard, Dorothe Amelia        | New York City       |
| Gibson, Edna Wiley               | New York City       | Reynolds, Irma                  | Tuckahoe, N. Y.     |
| Gilbert, Agatha                  | Plainfield, N. J.   | Robb, Janet Henderson           | New York City       |
| Gorton, Winifred Van Pelt        | White Plains, N. Y. | Rogers, Helen Jones             | New York City       |
| Grafflin, Ruth Summerfield       | White Plains, N. Y. | (Mrs. Henry W. Rogers)          |                     |
| Granger, Mary Lois               | Savannah, Ga.       | Ross, Effie Christie            | White Plains, N. Y. |
| Green, Grace Heloise             | Paterson, N. J.     | Rudd, Emma Frances              | New York City       |
| Groehl, Marion Ruth              | New York City       | Santelli, Catharine Rafaela     | New York City       |
| Guerdan, Elsie Mary              | Weehawken, N. J.    | Schellhase, Elizabeth Anne      | Wheeling, W. Va.    |
| Gurnee, Lois Adele               | Hawthorne, N. J.    | Schenck, Claire Aleid           | New York City       |
| Guthrie, Phoebe Anna             | New York City       | Schmidt, Anne Elizabeth         | New York City       |
| Hall, Jane                       | Rye, N. Y.          | Schoedler, Gertrud Helen        | New York City       |
| Hall, Ruth Stewart               | New York City       | Seeley, Jeannette               | Grantwood, N. J.    |
| Hallock, Lucy Jane               | New York City       | Shire, Helen Margaret           | Woodmere, N. Y.     |
| Harris, Amy Theodora             |                     | Shrife, Evelyn Blanche          | New York City       |
| Monte Cristi, Dominican Republic |                     | Sicular, Adele                  | New York City       |
| Hessberg, Rhoda Hortense         | New York City       | Siebert, Beryl May              | New York City       |
| Hobe, Elizabeth Barbara          | Pittsburgh, Pa.     | Sinnigen, Grace Julia           | New York City       |
| Hoff, Amanda                     | New York City       | Small, Delphine                 | Germantown, Ohio    |
| Horn, Lillian                    | New York City       | Small, Kathryn Wheeler          | New York City       |
| Jennings, Mary Agnes             | New York City       | Smedley, Edith Annabell         | New York City       |
| Jeremiah, Ruth Appleton          | New York City       | Souhami, Rachel                 | New York City       |
| Johnson, Alice Marie             | Mt. Vernon, N. Y.   | Stewart, Virginia               | Toledo, Ohio        |
| Jones, Helen Brown               | New York City       | Stickney, Adele Lomas           | Elizabeth, N. J.    |
| Jones, Ruth Russell              | Cincinnati, Ohio    | Taff, Marie Frances             | Brookline, Mass.    |
| Kafka, Beatrice Ethel            | New York City       | Thompson, Frances Worthington   | New York City       |
| Kahn, Laena Rosenbaum            | Selma, Ala.         | Tuttle, Lois Adelaide           | Ridgewood, N. J.    |
| Keehn, Harriet                   | Paterson, N. J.     | Tye, Ethel                      | Atlanta, Ga.        |
| Kidd, Frances Lillian            | New York City       | Van Brunt, Gladys Gardiner      | New York City       |
| Kitay, Sarah                     | Paterson, N. J.     | Vogel, Theresa Lucie            | Suffern, N. Y.      |
| Kneiper, Ruth Helene             | New York City       | Volk, Rae                       | New York City       |
| Kohn, Elinor                     | New York City       | Von Holten, Adelaide Fredericka | New York City       |
| Kohnstamm, Dorothy               | New York City       | Wagenheim, Fannie Rebecca       | Amsterdam, N. Y.    |
| Lazar, Ruth Josephine            | New York City       | Ward, Mildred Lee               | Norfolk, Va.        |
| Lind, Dorothy Aline              | New York City       | Ward, Ruth Dorothy              | New York City       |
| Lloyd, Elizabeth Grace           | Utica, N. Y.        | Weiner, Natalie Eva             | New York City       |
| Luhrman, Lillian Mildred         | Jersey City, N. J.  | Wethey, Gladys Vincenza,        |                     |
| MacDonald, Josephine             | New York City       | Port Washington, N. Y.          |                     |
| Mannis, Gertrude Elizabeth,      | Fort Edward, N. Y.  | White, Clarissa Dodge           | New York City       |
| Marks, Marjorie Cecile           | New York City       | Williamson, Helen Frances       | New York City       |
| Marlatt, Francis Knoche          | Mt. Vernon, N. Y.   | Wood, Lois Morgan               | New York City       |
| Marsh, Lucile Amelia             | Bridgeport, Conn.   |                                 |                     |
| Mauch, Helen Lena                | New York City       | [143]                           |                     |
| Mauger, Isabelle Marguerite,     | Rutherford, N. J.   | SCIENCE COURSE                  |                     |
| Mayer, Elizabeth Bendheim        | New York City       | Borre, Helen Joy                | New York City       |
| Mayer, Marie Rose                | New York City       | Castle, Eleanor Sayles          | New Rochelle, N. Y. |
| Meylan, Louise Juliette          | New York City       | Clark, Laura Louise             | New York City       |
| Mills, Marjorie Mahala           | Tacoma, Wash.       | Clendenin, Ruth                 | Mt. Vernon, N. Y.   |
| Mitchell, Ethel Augusta          | Williamsport, Pa.   | Cossow, Alice                   | New York City       |
| Mochrie, Margaret Eickelberg     | New York City       | Edwards, Gladys Eloise          | East Aurora, N. Y.  |
| Moore, Loretta Winifred          | New York City       | Ellis, Mary Davis               | Ridgebury, N. Y.    |
|                                  |                     | Eyre, Louisa Lear               | New York City       |



Fishberg, Ella Harriet New York City  
Haskell, Marion Emma Malone, N. Y.  
Lemcke, Ilse Dorothea New York City  
Littauer, Virginia Barbara New York City  
Rivkin, Helen Blythe New York City  
Schaeffer, Florence Louise Jersey City, N. J.

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CANDIDATES FOR TRANSFER AT THE END OF TWO  
YEARS TO THE PROFESSIONAL SCHOOLS  
OF THE UNIVERSITY

Falk, Dorothy Louise New York City  
Henry, Marcella Dayton, Ohio  
Tompkins, Bertha Cummings White Plains, N. Y.  
Zoglin, Rosalind Anita New York City

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Sophomores—Class of 1921...161

FRESHMEN—CLASS OF 1922

CANDIDATES FOR THE A. B. DEGREE

Abrahams, Estelle Louise New York City  
Andrews, Helen Frances New Rochelle, N. Y.  
Augustin, Edith Eloise Dewey Laurens, N. Y.  
Baird, Edith Black Elizabeth, N. J.  
Ball, Josephine Martha Salem, N. J.  
Bassler, Katharine Russell Cincinnati, Ohio  
Bates, Leah Levin Franklinville, N. Y.  
Beith, Mae Belle New York City  
Bell, Frances New York City  
Bennet, Agnes Hornbeck Port Jervis, N. Y.  
Benz, Margaret Carroll Oswego, N. Y.  
Berry, Dorothy Griswold Montclair, N. J.  
Boeker, Eloise May New York City  
Brady, Alice New York City  
Breining, Melva Mt. Vernon, N. Y.  
Brooks, Elizabeth Graham New York City  
Brooks, Mabel Keith New York City  
Browne, Lola Mary Oak Park, Ill.  
Bull, Muriel Dede New York City  
Cahn, Edith Juliet Far Rockaway, N. Y.  
Callan, Ruth New York City  
Cannon, Edris Elizabeth Paterson, N. J.  
Cannon, Marjorie Sue Gainesville, Fla.  
Carter, Ruth Louise Omaha, Neb.  
Coe, Maude Estelle Suffern, N. Y.  
Coffey, Katherine Frances New York City  
Coffin, Anna Church Newark, N. J.  
Coffin, Mary Oliver Pittsburgh, Pa.  
Coleman, Agnes Louise New York City  
Comstock, Mary Edgar New York City  
Corse, Elizabeth South Minneapolis, Minn.  
Cottrell, Leona Balfe New York City  
(Mrs. Edgar H. Cottrell)  
Covert, Adrianna DeBevoise New York City  
Dana, Gertrude Van Rensselaer Tarrytown, N. Y.  
Daniels, Eva May New York City  
Dayton, Helen Douglas New York City  
De Graff, Thelma Beryl New York City  
Delafield, Emily New York City  
Denton, May Frances Paterson, N. J.

Dewey, Louise Alice Spencerport, N. Y.  
Dixon-Welch, Mary Dent Columbia, Conn.  
Donnellan, Margaret Sylvia Pauline Newark, N. J.

Donovan, Mary Ethel Kingston, N. Y.  
Dowd, Helen Catherine New York City  
Dunbacher, Roberta Lincoln New York City  
Dwyer, Dorothy Anna New York City  
Emerson, Margaret Harrington New York City  
Emerson, Mary Louise Harrington New York City

Evans, Gwendolin Harriet New York City  
Ferguson, Janet New York City  
Fezandie, Margaret New York City  
Fink, Hertha New York City  
Fleming, Minnie Mae Dallas, Tex.  
de la Fontaine, Elise New York City  
Foote, Nancy Marion Olean, N. Y.  
Frankenstein, Helen Louise New York City  
Freudenthal, Elsbeth Estelle New York City  
Gaarder, Helga Annette New York City  
Garfunkel, Elsie New York City  
Gerdau, Marguerite New York City  
Giordano, Adeline Mary New York City  
Glynn, Agnes Dolores Nyack, N. Y.  
Goldsmith, Leona Hammersley Salem, Va.  
Gorton, Natalie Sherman White Plains, N. Y.  
Greenman, Marian Hannah Cortland, N. Y.  
Hall, Mary Bradt New York City  
Hannum, Margaret Louise New York City  
Harlow, Elisabeth New York City  
Harpootlian, Satenig Mary New York City  
Heath, Eleanor Hutchison New York City  
Henry, Adele Virginia New York City  
Heymann, Edith Helen New York City  
Hoffman, Hannah Grace New Haven, Conn.  
Holden, Orrilla Wood Yonkers, N. Y.  
Houghton, Evelyn Mary New York City  
Humphreys, Sarah Ludington

West Orange, N. J.

Hunter, Margaret Wilcox Portsmouth, Va.  
Hutton, Edith Marguerite New York City  
Jackson, Helen Wheeler New York City  
Jacoby, Eve Marion New York City  
Janes, Frances Bolton New York City  
Jenks, Dorothy Alice New York City  
Johnson, Elsie May Bayport, N. Y.  
Johnson, Ethel Ruth Lynbrook, N. Y.  
Johnson, Rosalie Eugenia, Chestnut Hill, Pa.  
Josephson, Leah New York City  
Kahn, Margaret Dorothy Woodbury, N. Y.  
Kammerer, Ethel Jeannette

White Plains, N. Y.

Kaplan, Deborah New York City  
Keiley, Gertrude Mary New York City  
Kellner, Nellie Lolita New York City  
Kingsley, Ruth Seymour Rome, N. Y.  
Koehler, Ruth New York City  
Kornfeld, Muriel Gregor New York City

|                                               |                              |                             |                           |
|-----------------------------------------------|------------------------------|-----------------------------|---------------------------|
| Kraft, Katherine Marie                        | New York City                | Schlichting, Louise Justine | Hoboken, N. J.            |
| Kraus, Bertha                                 | New York City                | Shearn, Edith Petty         | New York City             |
| (Mrs. Eugene R. Kraus)                        |                              | Sheehan, Helen Clark        | Newark, N. J.             |
| Lahiff, Noreen Cornelia                       | New York City                | Silberfeld, Helene          | New York City             |
| Laporte, Marguerite Adele                     | New York City                | Slawson, Anne Louise        | Canisteo, N. Y.           |
| Lerner, Gertrude                              | New York City                | Smith, Margery Nixon        | New York City             |
| Levin, Hudythe Muriel                         | New York City                | Soley, Marie Louise         | New York City             |
| Lewton, Lucy Olga                             | Port Chester, N. Y.          | Stahl, Ruth Eleanor         | New York City             |
| Lindsay, Gladys Marshall                      | New York City                | Starke, Eleanore Gunther    |                           |
| Lithauer, Donah Benrimo                       | New York City                |                             | Oscawana-on-Hudson, N. Y. |
| Lowe, Julia Davidson                          | New York City                | Stickel, Elizabeth          | New York City             |
| Ludlam, Elise Harriet                         | Bayonne, N. J.               | Strang, Isobel Whitcomb     | New York City             |
| McConaughy, Florence Ella                     | Holdrege, Neb.               | Stuart, Mary Cecelia        | Richmond, Va.             |
| McGrayne, Dorothy                             | Rutherford, N. J.            | Sworts, Veeva Cathrine      | Dundee, N. Y.             |
| MacArthur, Elizabeth Julia                    | Newark, N. J.                | Taff, Imelda Agnes          | Brookline, Mass.          |
| Mabie, Mildred Cecilia                        | Bergenfield, N. J.           | Taliaferro, Mary            | New York City             |
| Mack, Helen                                   | New York City                | Talley, Margaret Rebecca    | Rahway, N. J.             |
| Mackay, Katherine Marie Louise, Roslyn, N. Y. |                              | Taylor, Pauline             | New York City             |
| Mackechnie, Gladys Hazel                      | Port Jervis, N. Y.           | Thirlwall, Katharine Cora   | New York City             |
| Mannhardt, Gertrude Emily                     |                              | Thomas, Dorothy Swaine      | Baltimore, Md.            |
|                                               | Cold Spring-on-Hudson, N. Y. | Tiemann, Eleanor Marie      | New York City             |
| Marshall, Marion Frances                      | Bloomfield, Ind.             | Tonks, Nina Janet           | New York City             |
| Martin, Adelaide Bailey                       | Port Chester, N. Y.          | Townsend, Evelyn Howe       | Utica, N. Y.              |
| Meehan, Helen Mary                            | New York City                | Turman, Lethea              | South Atlanta, Ga.        |
| Melnick, Rosalin D.                           | Sidney, N. Y.                | Tyndall, Marion Estelle     | New York City             |
| Mendel, Edith Marjorie                        | New York City                | Uhrbrock, Mildred Gertrude  | New York City             |
| Metcalf, Madeleine                            | Yonkers, N. Y.               | Underhill, Emma Smith       | New York City             |
| Meyer, Frances Catherine                      | New York City                | Van Horn, Ruth              | Harrison, N. Y.           |
| Mills, Clara Eunice                           | Bristol, Conn.               | Veit, Edith                 | New York City             |
| Minkler, Marjorie Eva                         | Edgewood, Iowa               | Vincent, Marion             | New York City             |
| Montgomery, Margaret Anne                     | Syracuse, N. Y.              | Wachman, Pearl              | New York City             |
| Moore, Florence Edwina                        | Pittsburgh, Kan.             | Wagner, Eva Wolf            | New York City             |
| Mosher, Muriel                                | North Pelham, N. Y.          | Wallace, Janet Miller       | Springfield, Mass.        |
| Neale, Emma Thomson                           | New York City                | Ware, Rosalind Lucille      | Yonkers, N. Y.            |
| Neuman, Hortense                              | New York City                | Warren, Helen Ann           | Mamaroneck, N. Y.         |
| Neumann, Madeleine                            | New York City                | Weiss, Clara Alexander      | New York City             |
| Ney, Kattie                                   | Harrisonburg, Va.            | West, Sara Gatewood         | New York City             |
| North, Lila Ver Planck                        | Montclair, N. J.             | Wetterer, Edna Elizabeth    | New York City             |
| Orne, Evelyn                                  | New York City                | Wittlinger, Bertha Mary     | Pocantico Hills, N. Y.    |
| Peterson, Alice Olive                         | New York City                | Wohl, Rose Ruth             | New York City             |
| Phillips, Grace Marjorie                      | New York City                | Young, Katherine Maclean    | New York City             |
| Porter, Edna Lewis                            | New York City                | [190]                       |                           |
| (Mrs. Ralph Emmet Porter)                     |                              |                             |                           |
| Pott, Mary Louise                             | New York City                |                             | SCIENCE COURSE            |
| Prince, Helen Claire                          | New Rochelle, N. Y.          | Clark, Ruth Rose            | New York City             |
| Randall, Martha Raimond                       | San Antonio, Tex.            | Crabtree, Ruth Foster       | Montgomery, N. Y.         |
| Rasmussen, Ruth Adelaide                      | New York City                | Craven, Doris Hawes         | Yonkers, N. Y.            |
| Ratchford, Anne Marie                         | Danbury, Conn.               | Drexel, Margaret Jane       | Middletown, N. Y.         |
| Rathborne, Isabel Elizabeth                   | New York City                | Elwood, Lois                | Minomee, Mich.            |
| Reynolds, Catherine Christine                 | Jersey City, N. J.           | Gillson, Grace Brown        | Basin, Wyo.               |
| Rhoades, Dorothy Rita                         | New York City                | (Mrs. J. L. Gillson)        |                           |
| Riley, Olive Lasette                          | New York City                | Haupt, Lois Croff           | Buffalo, N. Y.            |
| Rissinger, Mary Wilson                        | Hazleton, Pa.                | Hutchison, Eva Viola        | Yonkers, N. Y.            |
| Rissland, Louise Quade                        | Boston, Mass.                | Janeway, Eleanor Alderson   | New York City             |
| Roe, Winnifred Tracy                          | New York City                | Kaslofsky, Anna             | New York City             |
| Rosenthal, Gladys                             | New York City                | Mills, Katharine Dickinson  | Yonkers, N. Y.            |
| Ruhl, Jean Bertram                            | New York City                | Nason, Celeste              | New York City             |
| Sadler, Katharine McIntosh                    | New York City                | Osterhout, Anna Winnifred   |                           |
| Schaefer, Kathryn Christine                   | New York City                |                             | Leamington, Ont., Canada  |

|                                   |                |
|-----------------------------------|----------------|
| Peterson, Mildred Clara Elizabeth | New York City  |
| Schumm, Elsie                     | New York City  |
| Wing, Margaret Mary               | Yonkers, N. Y. |
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CANDIDATES FOR TRANSFER AT THE END OF TWO  
YEARS TO THE PROFESSIONAL SCHOOLS  
OF THE UNIVERSITY

|                                               |                     |
|-----------------------------------------------|---------------------|
| Baer, Isabel Carolyn                          | Dorchester, Mass.   |
| Barclay, Bertha Fahys                         | New York City       |
| Carpenter, Harriet Louise                     | Montclair, N. J.    |
| Caskey, Dorothy Morgan                        | White Plains, N. Y. |
| Dodd, Mabel Maude                             | Mt. Vernon, N. Y.   |
| Downing, Margaret Morton                      | Maysville, Ky.      |
| Eckert, Marion Louise, North Tarrytown, N. Y. |                     |
| Gerlach, Elsie                                | White Plains, N. Y. |
| Guercken, Valentine                           | Moscow, Russia      |
| Hooper, Grace Duncan                          | New York City       |
| Kerkow, Polly                                 | New York City       |
| Lehmann, Germaine                             | New York City       |
| Lehmann, Madeleine Emilie                     | New York City       |
| Leof, Madeleine Chalfin                       | Philadelphia, Pa.   |
| Lindeman, Edith Elliott                       | Richmond, Va.       |
| Livingston, Marjorie Yetta                    | Savannah, Ga.       |
| Ogden, Adelaide Routh                         | New York City       |
| Reardon, Josephine Abeel                      | Catskill, N. Y.     |
| Reynard, Elizabeth                            | Fall River, Mass.   |
| Rice, Dorothy Ellen                           | New York City       |
| Satterthwaite, Hope                           | New York City       |
| Schwab, Antonia Ybor                          | New York City       |
| Sims, Ruth Hairston                           | New York City       |
| Strier, Sarah                                 | New York City       |
| Wallberg, Marta Ingegard                      | Saratoga, N. Y.     |
| Walsh, Anne Louise Frances                    | Newark, N. J.       |
| Whepley, Edith                                | Rye, N. Y.          |
| Wilder, Dorothy May                           | New York City       |
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Freshmen—Class of 1922 . . . 234

SPECIAL STUDENTS, MATRICULATED

|                                  |                   |
|----------------------------------|-------------------|
| Banks, Minor White               | Hernando, Miss.   |
| Bolger, Julia Virginia           | New York City     |
| Bruere, Jane Munroe              | New York City     |
| (Mrs. Henry Bruere)              |                   |
| Caples, Edith Jessie             | New York City     |
| (Mrs. Byron H. Caples)           |                   |
| Choquart, Marcelle Louise        | Amiens, France    |
| Dale, Jane Elizabeth             | Mt. Vernon, N. Y. |
| Dart, Margaret Stuyvesant        | New York City     |
| Gott, Alice Sayer                | Goshen, N. Y.     |
| Hodenpyl, Marion Fahys           | New York City     |
| Ickler, Caroline Scott           | Detroit, Mich.    |
| Johnston, Rose Richmond          | New York City     |
| (Mrs. Frederick Richmond)        |                   |
| Jones, Lucile Law                | New York City     |
| (Mrs. R. F. Jones)               |                   |
| La Boyteaux, Elizabeth Forrester | New York City     |

|                                                |                         |
|------------------------------------------------|-------------------------|
| Langthorn, Elizabeth Clifton                   | New York City           |
| Legrand, Alice                                 | Paris, France           |
| Litchfield, Ethel Carver                       | New York City           |
| Mack, Jeannette                                | New York City           |
| Mendel, Germaine                               | Paris, France           |
| Newburger, Bessie                              | New York City           |
| Nicolson, Margaret Erskine                     | New York City           |
| Richey, Margaret Cecelia                       | Wilmington, Del.        |
| Schoenfeld, Adele                              | Cortland, N. Y.         |
| de Schweinitz, Louise                          | Bethlehem, Pa.          |
| Simonson, Claire Antoinette, Mt. Vernon, N. Y. |                         |
| Stern, Dorothy                                 | New York City           |
| Taylor, Eleanor Armstrong                      | New York City           |
| Wheat, Leora Maye                              | Saratoga Springs, N. Y. |
| Wilcox, Constance Grenelle                     | Madison, Conn.          |
| Wilcox, Helen Barkley                          | New York City           |
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SPECIAL STUDENTS, NON-MATRICULATED

|                                              |                     |
|----------------------------------------------|---------------------|
| Berle, Margot                                | Kristiania, Norway  |
| Bernero, Anna Dorothy                        | New York City       |
| Chujo, Yuriko                                | Tokyo, Japan        |
| Degen, Donna Mina                            | Grand Rapids, Mich. |
| Dunham, Catherine                            | Anderson, Ind.      |
| de Goenaga, Concepcion, San Juan, Porto Rico |                     |
| Graves, Junia Ellen                          | Bedford, Va.        |
| Greene, Charlotte Louise                     | New York City       |
| Herzfeld, Lucile Mathilde                    | New York City       |
| James, Eunice                                | New York City       |
| Martin, Dollie Leona                         | Spokane, Wash.      |
| Morgan, Helen Harrison                       | Cincinnati, Ohio    |
| Ordway, Kathryn                              | St. Paul, Minn.     |
| Roulstone, Katharine Hammond                 | New York City       |
| (Mrs. W. B. Roulstone)                       |                     |
| Schjolberg, Ingerid                          | Bodö, Norway        |
| Sedwick, Gladys Ruth                         | Albany, Tex.        |
| Stanton, Jessie                              | New York City       |
| Sugimoto, Hanano Inagaki                     | Tokyo, Japan        |
| Thompson, Clara Cary                         | New York City       |
| (Mrs. R. H. Thompson)                        |                     |
| Turman, Helen                                | South Atlanta, Ga.  |
| Verity, Grace Helene                         | Batavia, N. Y.      |
| Vories, Faye                                 | Campbellsburg, Ky.  |
| [22]                                         |                     |

SUMMARY

|                           |      |
|---------------------------|------|
| Seniors—Class of 1919     | 102  |
| Juniors—Class of 1920     | 167  |
| Sophomores—Class of 1921  | 161  |
| Freshmen—Class of 1922    | 234  |
| Special Students:         |      |
| Matriculated              | 29   |
| Non-Matriculated          | 22   |
|                           | — 51 |
| University Students       | 33   |
| Teachers College Students | 18   |
|                           | — 51 |
| Grand Total               | 766  |

# REGISTER OF STUDENTS

## SCHOOL OF ARCHITECTURE

### CANDIDATES FOR MASTER OF SCIENCE IN ARCHITECTURE

Takakjian, John Ardour New York City  
Armenian National School; Royal School of  
Art and Architecture

### CANDIDATES FOR DEGREE (B. OF ARCH.)

Arias, José Vincente New York City  
Colegio Mayor de Nuestra Señora del  
Rosario, Bachiller, 1914

Arnaud, Leopold New York City  
A.B., Lycée Janson de Sailly, Paris, France,  
1914

Baker, John Louis New York City  
B.S., 1918

Chang, Kuang Chi Shanghai, China

Contreras, Carlos Mexico City, Mexico

Colean, Miles Lanier Peoria, Ill.

Dennison, A. C. New York City  
A.B., 1917

Devereux, Leslie Warwick Utica, N. Y.  
A.B., Harvard, 1916

Fowler, Robert Ludlow, Jr. Katonah, N. Y.  
A.B., 1910

Franklin, Alice Darc New York City  
A.B., Barnard, 1916

Gail, Helen Mary Baltimore, Md.

Hanes, Neibert Bartram Springfield, Ill.

Jacobs, Stanley Ralph New York City  
A.B., 1918

Knapp, Charlotte Hastings Los Angeles, Cal.  
A.B., Univ. of California, 1918

Libby, Furber Merrill South Hamilton, Mass.

McLennan, John Harbison Louisville, Ky.  
A.B., Yale, 1916

Marsh, Miriam Waterloo, Iowa  
A.B., Vassar, 1916

Minoli, Silvio New York City  
A.B., 1918

Moo, Yen Yin Mem-fu Honolulu, T. H.

Moyle, William Davies Highwood, N. J.  
Roth, George Jersey City, N. J.

B.S., Pennsylvania Coll., 1916

Schreyer, Frank R. New York City

Uhl, Walter Lawrence New York City

B.S., Rose Poly. Inst., 1908

Warren, Whitney, Jr. New York City

Williams, Lessing Whitford New York City

A.B., Williams Coll., 1915; A.M., 1916

Wingate, Florence Washington, D. C.

### CANDIDATES FOR CERTIFICATE

Binger, Peter, Jr. Yonkers, N. Y.

Brackett, Robert G. New York City

Cannon, Charles Madison, Jr. New York City

Cohen, Henry New York City

Engeman, William Albert New York City

D.V.S., Am. Vet. Coll., 1888

Fletcher, Donald Atkinson New York City

Hritz, George Peter Hastings, N. Y.

Owen, Alfred Zoltan New York City

Oxhandler, Samuel New York City

Pfost, Gustav Jacob River Edge, N. J.

Post, Frank Bitlinger Fond du Lac, Wis.

Rabasa, Emilio, Jr. New York City

Terrell, Allen Townsend Riverhead, N. Y.

Trofast-Gillette, George Wolcott

Garden City, N. Y.

A.B., 1918

### NON-MATRICULATED STUDENTS

Trout, Alexander Linn Detroit, Mich.

A.B., 1905; B.Ch.E., 1910, Univ. of Michigan

### SUMMARY

|                                     |    |
|-------------------------------------|----|
| Candidates for Degree (M. of Arch.) | 1  |
| Candidates for Degree (B. of Arch.) | 26 |
| Candidates for Certificate          | 14 |
| Total Architecture                  | 41 |



# REGISTER OF STUDENTS

## COLLEGE OF PHARMACY

### JUNIOR UNIVERSITY CLASS

|                         |                    |
|-------------------------|--------------------|
| Dittmar, Moritz Adolph  | Jersey City, N. J. |
| Goemann, Erwin          | Grantwood, N. J.   |
| Herman, Henry           | West End, N. J.    |
| Hubel, Miss Edith       | New York, N. Y.    |
| Humphreys, Malcolm      | Morristown, N. J.  |
| Kish, Miss Charlotte B. | Trenton, N. J.     |
| Kish, Miss Elizabeth    | Trenton, N. J.     |

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### SOPHOMORE UNIVERSITY CLASS

|                       |                     |
|-----------------------|---------------------|
| Alter, Fred           | Elizabeth, N. J.    |
| Bernstein, Solomon    | New York, N. Y.     |
| Cohen, Samuel         | New York, N. Y.     |
| Ensler, Louis         | New York, N. Y.     |
| Greco, Anthony J.     | Brooklyn, N. Y.     |
| Henken, Harry         | New York, N. Y.     |
| Hertz, Max            | Norwich, Conn.      |
| Jaffe, Leon           | Brooklyn, N. Y.     |
| Josephson, Charles    | New York, N. Y.     |
| Kassner, Herbert C.   | Jamaica, N. Y.      |
| Kohl, Abraham         | Jersey City, N. J.  |
| Levy, Harry W.        | West Haven, Conn.   |
| Lichtman, Anna        | New York, N. Y.     |
| McKean, Helen Gould   | New Rochelle, N. Y. |
| Meeropolosky, Leopold | New York, N. Y.     |
| Montesano, Joseph     | Paterson, N. J.     |
| Rosenblum, Samuel     | New York, N. Y.     |
| Shaw, Daniel          | New York, N. Y.     |
| Shigon, Aaron         | New York, N. Y.     |
| Shigon, Henry         | New York, N. Y.     |
| Stevens, Oscar        | Matewan, N. J.      |

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### FRESHMAN UNIVERSITY CLASS

|                       |                      |
|-----------------------|----------------------|
| Baack, Ernest Charles | Hoboken, N. J.       |
| Bauman, Harold        | Brooklyn, N. Y.      |
| Berliner, Eli         | Brooklyn, N. Y.      |
| Cantor, Emanuel       | Brooklyn, N. Y.      |
| Cardone, Generous     | Brooklyn, N. Y.      |
| Commons, Gordon L.    | New York, N. Y.      |
| Cooper, Isadore       | Port Richmond, N. Y. |
| del Vecchio, Abel D.  | Newark, N. J.        |
| Feldberg, Emil        | New York, N. Y.      |
| Gold, Rosalie Esther  | Jersey City, N. J.   |
| Goldberg, Aaron       | Newport, Ky.         |
| Landes, Sidney        | Brooklyn, N. Y.      |
| Lawley, John Giere    | Long Branch, N. J.   |
| Leifer, Samuel        | Brooklyn, N. Y.      |

|                      |                    |
|----------------------|--------------------|
| Lein, Rose           | Jersey City, N. J. |
| McKnight, Samuel T.  | Utica, N. Y.       |
| Mostowitz, Cecile    | Jersey City, N. J. |
| Narins, Samuel       | Brooklyn, N. Y.    |
| Ognibene, Nina       | New York, N. Y.    |
| Owens, George D.     | Antwerp, N. Y.     |
| Pontecarvo, Louis    | New York, N. Y.    |
| Portoghese, Philip   | New York, N. Y.    |
| Sexton, James A.     | Darien, Conn.      |
| Scheller, Leander G. | Prince Bay, S. I.  |
| Shafer, Harold W.    | Worcester, N. Y.   |
| Sinclair, William    | Jersey City, N. J. |
| Steckler, Louis      | New York, N. Y.    |
| Taub, Abraham        | New York, N. Y.    |
| Taub, Harry          | New York, N. Y.    |
| Vena, John J.        | Jersey City, N. J. |
| Vitiello, Louis M.   | New York, N. Y.    |
| Wiener, Joseph       | Brooklyn, N. Y.    |

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### SECOND YEAR COLLEGE CLASS

|                            |                 |
|----------------------------|-----------------|
| Albert, Sylvester          | New York, N. Y. |
| Arena, Dominick            | New York, N. Y. |
| Baiser, Abraham            | New York, N. Y. |
| Barst, Bernard             | New York, N. Y. |
| Bashook, Aaron             | Brooklyn, N. Y. |
| Baum, John C.              | Brooklyn, N. Y. |
| Beck, Irving I.            | Brooklyn, N. Y. |
| Berko, Morris              | New York, N. Y. |
| Birnbaum, Pauline          | Astoria, N. Y.  |
| Bloom, Aaron E.            | New York, N. Y. |
| Boenau, Theodore C., Jr.   | Brooklyn, N. Y. |
| Boxer, Philip              | New York, N. Y. |
| Brown, Solomon G.          | New York, N. Y. |
| Brucar, Marcel             | New York, N. Y. |
| Burde, David               | New York, N. Y. |
| Calvelli, Vincent          | New York, N. Y. |
| Chavkin, Charles I.        | New York, N. Y. |
| Colmar, Alexander          | New York, N. Y. |
| Cooperman, Samuel          | New York, N. Y. |
| Cutler, Lawrence           | New York, N. Y. |
| D'Archangelis, Laurence A. | New York, N. Y. |
| Dashowitz, David           | New York, N. Y. |
| Daytz, Benjamin            | New York, N. Y. |
| Ducorsky, Moses            | New York, N. Y. |
| Eastman, Abraham           | New York, N. Y. |
| Ebersman, Rubin            | New York, N. Y. |
| Ehret, Herbert L.          | Brooklyn, N. Y. |
| Errico, Frank Anthony      | New York, N. Y. |

|                          |                       |                          |                       |
|--------------------------|-----------------------|--------------------------|-----------------------|
| Falcone, Francis R.      | Brooklyn, N. Y.       | Masur, Oscar             | New York, N. Y.       |
| Feldman, Jacob           | New York, N. Y.       | Mason, Earl S.           | Auburn, Me.           |
| Folcarelli, Gemma A.     | New York, N. Y.       | Mates, Abraham           | Brooklyn, N. Y.       |
| Fox, Sidney              | New York, N. Y.       | Mazzolini, Eugene J.     | Randolph, Vt.         |
| Friedland, Louis         | New York, N. Y.       | Mendoza, Carlos J.       | Pamplona, Colombia    |
| Friedman, Frank          | Brooklyn, N. Y.       | Michaels, Moe L.         | New York, N. Y.       |
| Friedman, Isidor         | New York, N. Y.       | Milano, Edward E.        | New York, N. Y.       |
| Fuerst, Jack A.          | New York, N. Y.       | Miraglia, Humbert G.     | Brooklyn, N. Y.       |
| Galluccio, Carmelo V. B. | New York, N. Y.       | Moore, Clarence K.       | Fover, N. J.          |
| Ginsburg, William        | New York, N. Y.       | Neal, Browning A.        | Birmingham, Ala.      |
| Gitow, Isidore H.        | Monmouth Beach, N. J. | Neiman, Nathan           | New York, N. Y.       |
| Goldberg, Benjamin       | New York, N. Y.       | Nemetz, Max D.           | New York, N. Y.       |
| Goldberg, Hyman          | New York, N. Y.       | Nielsen, Victor V.       | New York, N. Y.       |
| Goldfarb, Harry          | New York, N. Y.       | Nisselson, Michael M.    | East Orange, N. J.    |
| Goldmeer, Arthur S.      | New York, N. Y.       | Oxman, Samuel H.         | New York, N. Y.       |
| Goldstein, Percy         | Brooklyn, N. Y.       | Pace, Alphonse           | Brooklyn, N. Y.       |
| Golomb, Minnie R.        | New York, N. Y.       | Peltzman, Henry          | New York, N. Y.       |
| Golub, Jacob             | New York, N. Y.       | Petrucchi, Manlius Y.    | New Haven, Conn.      |
| Granatoor, Louis S.      | New York, N. Y.       | Pichardo, Carlotta M.    | New York, N. Y.       |
| Grau, Marcial            | Morovis, P. R.        | Pollock, Isador H.       | Brooklyn, N. Y.       |
| Greco, Samuel            | New York, N. Y.       | Reiter, Joseph           | New York, N. Y.       |
| Greenberg, Meyer         | New York, N. Y.       | Rinaldi, Frank A.        | Brooklyn, N. Y.       |
| Greenberg, Wolfe         | New York, N. Y.       | Rose, Sophia             | Brooklyn, N. Y.       |
| Gross, Max               | New York, N. Y.       | Rosenberg, Henry         | New York, N. Y.       |
| Guild, Max               | Brooklyn, N. Y.       | Rovitti, Rachel          | New York, N. Y.       |
| Gussow, Louis            | New York, N. Y.       | Sadofsky, Morris         | New York, N. Y.       |
| Haden, Robinson          | New York, N. Y.       | Salerno, Nicholas        | New York, N. Y.       |
| Hainfeld, Alfred G.      | Oyster Bay, N. Y.     | Salob, Nathan            | New York, N. Y.       |
| Hallenbeck, Ezra C.      | Kingston, N. Y.       | Samuels, Sophia          | New York, N. Y.       |
| Herskovits, Samuel M.    | New York, N. Y.       | Satriale, Gerard A.      | Mamaroneck, N. Y.     |
| Hertz, Samuel            | New York, N. Y.       | Schar, Morris            | New York, N. Y.       |
| Hillman, Harry C.        | New York, N. Y.       | Schein, Abraham L.       | New York, N. Y.       |
| Hoffman, Richard         | New York, N. Y.       | Schiller, Philip         | New York, N. Y.       |
| Hubert, Irving           | New York, N. Y.       | Schmerer, Max            | New York, N. Y.       |
| Jacobson, Leon M.        | New York, N. Y.       | Schnitman, Harold        | Brooklyn, N. Y.       |
| Karlick, Moses           | New York, N. Y.       | Schwartz, Jacob          | New York, N. Y.       |
| Kashdan, Abraham         | New York, N. Y.       | Schwartz, Milton M.      | Rockaway Beach, N. Y. |
| Katz, Harry              | New York, N. Y.       | Seinfeld, Samuel         | New York, N. Y.       |
| Katz, Hirsch L.          | New York, N. Y.       | Sica, Alphonso Filameno  | New York, N. Y.       |
| Kaufman, Leo             | New York, N. Y.       | Siebert, Frank T.        | Corona, L. I.         |
| Kirsch, Joseph I.        | New York, N. Y.       | Simonet, Jacobo          | New York, N. Y.       |
| Kleinfeld, Edith S.      | Troy, N. Y.           | Sklow, Jacob             | Newark, N. J.         |
| Koplin, Ida              | Windsor Locks, Conn.  | Sosnovsky, Alexander     | New York, N. Y.       |
| Krechevsky, Jonas        | New York, N. Y.       | Sottile, John            | New York, N. Y.       |
| Kushinsky, Max           | Brooklyn, N. Y.       | Spagnuolo, Joseph        | New York, N. Y.       |
| Kuss, Henry J.           | New York, N. Y.       | Steinberg, Cecilia H.    | New York, N. Y.       |
| Langen, William J. H.    | New York, N. Y.       | Steinberg, Charles       | Brooklyn, N. Y.       |
| Largeman, Frank H.       | Brooklyn, N. Y.       | Tarella, Helen E.        | Ansonia, Conn.        |
| Lawentman, Isidor        | New York, N. Y.       | Temperlyn, Walter        | Paterson, N. J.       |
| Lee, Lung                | Canton, China         | Urban, Mrs. Jeannette E. | Brooklyn, N. Y.       |
| Lefkowitz, George        | Lawrence, N. Y.       | Valutkevitch, Anthony    | Brooklyn, N. Y.       |
| Liotta, Anthony L.       | Brooklyn, N. Y.       | Vanacore, Joseph         | New York, N. Y.       |
| Lowenstein, Leopold      | New York, N. Y.       | Villamena, Ermelinda     | New York, N. Y.       |
| Lurie, Benedict L.       | New York, N. Y.       | Weinstein, Isidor        | New York, N. Y.       |
| de Mackiewicz, Julius H. | New Rochelle, N. Y.   | Wolf, Harry              | New York, N. Y.       |
| Madinek, Israel B.       | New York, N. Y.       | Wollan, Morris           | New York, N. Y.       |
| Margiotta, Nicholas      | New York, N. Y.       | Yanket, Edward           | New York, N. Y.       |
| Margotta, Pasquale J.    | New Rochelle, N. Y.   | Zito, Frank              | New Rochelle, N. Y.   |
| Marinaro, Francesco      | New York, N. Y.       |                          |                       |

## FIRST YEAR COLLEGE CLASS

|                          |                        |                          |                      |
|--------------------------|------------------------|--------------------------|----------------------|
| Aitoro, Peter P.         | Yonkers, N. Y.         | Lane, Florence C.        | Great Neck, N. Y.    |
| Aquaro, Vincent          | Brooklyn, N. Y.        | Lanza, Frank             | New York, N. Y.      |
| Beitman, Arthur A.       | Newark, N. J.          | Laplaca, Lillie          | New York, N. Y.      |
| Bergman, Henry           | New York, N. Y.        | Lehman, Nathan           | New York, N. Y.      |
| Berman, Philip           | Brooklyn, N. Y.        | Lehrhaupt, Nathan        | New York, N. Y.      |
| Bernanke, William B.     | New York, N. Y.        | Levi, Dorothy S.         | Melbourne, Australia |
| Bloom, Joseph            | New York, N. Y.        | Levine, Anna             | Brooklyn, N. Y.      |
| Brecker, Albert          | Brooklyn, N. Y.        | Levine, Bernard H.       | Jersey City, N. J.   |
| Cadicamo, Paul A.        | Brooklyn, N. Y.        | Levine, Nathan           | New Haven, Conn.     |
| Caracciolo, Vincent      | New York, N. Y.        | Liscenco, Harry          | New York, N. Y.      |
| Chadabe, Ida             | New York, N. Y.        | Lodge, Thomas C.         | New York, N. Y.      |
| Cohen, Benjamin          | Newburgh, N. Y.        | Loscalzo, Peter E.       | Winfield, N. Y.      |
| Cohen, Samuel            | New York, N. Y.        | MacQuivey, Merrill C.    | New York, N. Y.      |
| Covelli, Gesualdo        | New York, N. Y.        | Magliato, Erminio        | New York, N. Y.      |
| Cutler, Louis            | Jersey City, N. J.     | Mainella, Alfred M.      | New York, N. Y.      |
| Davis, Pearl N.          | New York, N. Y.        | Mancovitsky, Max         | Brooklyn, N. Y.      |
| Dell' Abate, Anthony     | Brooklyn, N. Y.        | Manfredi, Peter          | New York, N. Y.      |
| DeMar, Michael Alphonse  | Port Washington, N. Y. | Markowitz, Anna          | New York, N. Y.      |
|                          |                        | Mayall, Clinton W.       | Stony Point, N. Y.   |
|                          |                        | Meyer, Fritz M.          | Bridgeport, Conn.    |
| Delman, Aaron            | New York, N. Y.        | Monroe, Bradford H.      | Guilford, Conn.      |
| Di Geronimo, Armand      | Brooklyn, N. Y.        | Monteferrante, Ferdinand | New York, N. Y.      |
| Donnelly, Francis E.     | New York, N. Y.        | Moskowitz, Harold S.     | New York, N. Y.      |
| Drago, Anthony J.        | Brooklyn, N. Y.        | Muratori, Francis        | New York, N. Y.      |
| Dudleston, May Elizabeth | Mohawk, N. Y.          | Nadel, Max               | New York, N. Y.      |
| Ehrenberg, Max           | Brooklyn, N. Y.        | Neimeth, Edward          | Brooklyn, N. Y.      |
| Filsinger, Aurel H.      | New York, N. Y.        | O'Brien, James J.        | Utica, N. Y.         |
| Fitzgibbons, Andrew J.   | Bedford Hills, N. Y.   | de Paredes, Gasper G.    | Panama City, Panama  |
| Flesichman, Philip       | New York, N. Y.        | Peckman, Harris          | Jersey City, N. J.   |
| Florentino, Nicholas P.  | New York, N. Y.        | Pink, Jack               | Passaic, N. J.       |
| Geltzer, Abraham         | New York, N. Y.        | Pontani, Francis         | Hartford, Conn.      |
| Gans, Harry              | New York, N. Y.        | Portugal, Morris         | New York, N. Y.      |
| Ghiz, Albert N.          | Brooklyn, N. Y.        | Press, Abraham           | New York, N. Y.      |
| Giordano, Anton          | New York, N. Y.        | Prince, Max              | Brooklyn, N. Y.      |
| Glover, Louis B.         | Orange, N. J.          | Ring, Samuel W.          | New York, N. Y.      |
| Gold, Morris             | New York, N. Y.        | Roossin, Irving B.       | New York, N. Y.      |
| Goldenberg, Harry        | New York, N. Y.        | Rubinstein, Edward E.    | Coney Island, N. Y.  |
| Goldman, Harry           | New York, N. Y.        | Sanfilippo, Charles      | New York, N. Y.      |
| Goldstein, Alexander     | New York, N. Y.        | Sanford, S. Helen        | Pearl River, N. Y.   |
| Gordon, Fannie           | Passaic, N. J.         | Santa Maria, Frank C.    | Brooklyn, N. Y.      |
| Gottilla, Alexander      | New York, N. Y.        | Schachter, Abraham       | New York, N. Y.      |
| Grecco, Achillo J.       | New York, N. Y.        | Schoenberg, Johannes     | New York, N. Y.      |
| Green, Mary              | Brighton Beach, N. Y.  | Schwartz, Yetta C.       | New York, N. Y.      |
| Greenberg, Isidore       | New York, N. Y.        | Schwarz, Sylvan S.       | Newark, N. J.        |
| Greenberg, Sydney E.     | New York, N. Y.        | Seides, Louis            | Coney Island, N. Y.  |
| Guggenbuhl, Fred         | New York, N. Y.        | Shahn, Benjamin          | Brooklyn, N. Y.      |
| Guze, Jacob              | Newark, N. J.          | Sherman, Samuel          | New York, N. Y.      |
| Hand, Harry L., Jr.      | Portchester, N. Y.     | Shuschan, Ralph          | New York, N. Y.      |
| Holmes, Mildred          | Downsville, N. Y.      | Siller, Louis M.         | Kingston, N. Y.      |
| Horowitz, Joseph         | New York, N. Y.        | Siracuse, Frank C.       | New York, N. Y.      |
| Huth, Joseph H., Jr.     | New York, N. Y.        | Smithline, Abraham       | New York, N. Y.      |
| Imber, Beulah            | New York, N. Y.        | Snow, William            | Brooklyn, N. Y.      |
| Jacobs, Lawrence         | New York, N. Y.        | Soupine, Alice           | New York, N. Y.      |
| Johnson, Isabelle W.     | Butler, N. J.          | Spertus, William         | New York, N. Y.      |
| Kanter, Abraham          | Brooklyn, N. Y.        | Stern, Hyman W.          | Utica, N. Y.         |
| Keppleman, Barnet        | Brooklyn, N. Y.        | Stieglitz, Morris        | New York, N. Y.      |
| Kiff, Isador             | New York, N. Y.        | Stieglitz, Sylvia        | New York, N. Y.      |
| Kodet, Robert            | New York, N. Y.        | Susman, Harry            | Brooklyn, N. Y.      |
| Landisman, David         | New York, N. Y.        | Tannenbaum, William      | New York, N. Y.      |

|                   |                    |                           |                 |
|-------------------|--------------------|---------------------------|-----------------|
| Todt, Margaret F. | Monroe, N. Y.      | Ognibene, Nina            | New York, N. Y. |
| Tracht, Samuel    | Brooklyn, N. Y.    | Pichardo, Carlotta Marie  | New York, N. Y. |
| Whitcup, Abraham  | New York, N. Y.    | Rabinovitch, Israel       | New York, N. Y. |
| Wolfe, David      | New York, N. Y.    | Rinaldi, Frank            | Brooklyn, N. Y. |
| Wong, Nellie C.   | So. Pasadena, Cal. | Rovitti, Rachel           | New York, N. Y. |
| Wotman, Jacob     | New York, N. Y.    | Rynar, Joseph             | New York, N. Y. |
| Yolin, Jacob      | New York, N. Y.    | Salerno, Nicholas         | New York, N. Y. |
| [123]             |                    | Schweitzer, J.            | Brooklyn, N. Y. |
|                   |                    | Senegas, Jean             | New York, N. Y. |
|                   |                    | Stephan, Alfred           | Brooklyn, N. Y. |
|                   |                    | Tareila, Helen E.         | Ansonia, Conn.  |
|                   |                    | Villamena, Mrs. Ermelinda | New York, N. Y. |

## EVENING CLASS

|                          |                    |  |  |
|--------------------------|--------------------|--|--|
| Armentano, Anthony       | New York, N. Y.    |  |  |
| Barrett, Mrs. Evelyn     | New York, N. Y.    |  |  |
| Baum, John C.            | Brooklyn, N. Y.    |  |  |
| Booth, Clarence F.       | Brooklyn, N. Y.    |  |  |
| Brown, Samuel G.         | New York, N. Y.    |  |  |
| Brucar, Marcel           | New York, N. Y.    |  |  |
| Colmar, Alexander        | New York, N. Y.    |  |  |
| Juan de la Cruz          | Brooklyn, N. Y.    |  |  |
| Gaetano, Peter           | New York, N. Y.    |  |  |
| Haase, Frederick A., Jr. | Newark, N. J.      |  |  |
| Hammond, Edward N.       | New York, N. Y.    |  |  |
| Horowitz, Joseph         | New York, N. Y.    |  |  |
| Imber, Beulah            | New York, N. Y.    |  |  |
| Kraemer, Samuel H.       | Jersey City, N. J. |  |  |
| Lee, Lung                | New York, N. Y.    |  |  |
| Lein, Rose               | Jersey City, N. J. |  |  |

## SUMMARY

|                                |     |
|--------------------------------|-----|
| Junior University Class        | 7   |
| Sophomore University Class     | 21  |
| Freshman University Class      | 32  |
| Second Year College Class      | 145 |
| First Year College Class       | 123 |
| Evening Class                  | 28  |
|                                | —   |
|                                | 356 |
| Deduct for double registration | 13  |
|                                | —   |
|                                | 343 |



# REGISTER OF STUDENTS

## SCHOOL OF JOURNALISM

### SECOND YEAR—CLASS OF 1919

|                                 |                         |
|---------------------------------|-------------------------|
| Bauerberg, Leda Vera            | New York City           |
| Bowie, Elizabeth Wilson         | Uniontown, Pa.          |
| A.B., Wells, 1914               |                         |
| Cohn, Elizabeth Margaret        | New York City           |
| A.B., Hunter, 1917              |                         |
| Cooley, John Landon             | Amsterdam, N. Y.        |
| Ginzburg, Benjamin              | New York City           |
| Herman, Alexander Casdan,       | New York City           |
| B.S., 1918                      |                         |
| Hill, Nina Gertrude             | New York City           |
| Karch, Joseph Aaron             | Gloversville, N. Y.     |
| Ketterlinas, Eugenia            | Ardmore, Pa.            |
| Lambert, Paul George,           | South Manchester, Conn. |
| Menninger, Edwin Arnold         | Topeka, Kan.            |
| A.B., Washburn, 1916            |                         |
| Murphy, Thomas Vincent          | New York City           |
| O'Toole, Edward                 | Ossining, N. Y.         |
| Rosen, Albert                   | New York City           |
| Senior, Mary                    | Cincinnati, Ohio        |
| Stanton, Augusta Emily Hazelton |                         |
| Great Neck Sta., N. Y.          |                         |
| Topping, Ella Francis           | New York City           |
| Vernon, Annalee Herndon         | Columbia, Mo.           |
| Wright, Mildred Elizabeth       | Jamestown, N. Y.        |

### FIRST YEAR—CLASS OF 1920

|                                 |                      |
|---------------------------------|----------------------|
| Anderson, William Robert, Jr.   | East Orange, N. J.   |
| Ayres, Althea Buchanan          | Asbury Park, N. J.   |
| Balaban, Alexander              | New York City        |
| Ph.D., Berne, 1909              |                      |
| Beckhard, Arthur James          | New York City        |
| Burke, Margaret Louise          | Morristown, N. J.    |
| Clark, Donald Hugh              | Waverly, Iowa        |
| A.B., Grinnel, 1918             |                      |
| Clemans, Ella V.                | Mechanicsburg, Ohio  |
| A.B., Ohio Wesleyan, 1916       |                      |
| Cohen, Harry Barnett            | New York City        |
| Esterbrook, Gladys Renshaw      | New York City        |
| Ewan, Ruth Osborn               | Atlantic City, N. J. |
| Fishkind, Silas Benjamin        | New York City        |
| Fox, Helene Evelyn              | New York City        |
| Friedkin, Emily Zola            | New York City        |
| Geffen, Hannah                  | New York City        |
| Gnaedinger, Louis Beverley      | Montreal, Can.       |
| Gourlie, John Cameron           | New York City        |
| Hankemeyer, Nathalie Wilhelmina |                      |
| New York City                   |                      |

|                              |                      |
|------------------------------|----------------------|
| Hemingway, Helen Dorothy,    | Washington, D. C.    |
| Herrmann, Marjorie           | New York City        |
| Holzman, James Mayer         | New York City        |
| A.B., Yale, 1917             |                      |
| Isenburger, Florence Johanna | New York City        |
| A.B., Adelphi, 1915          |                      |
| Jacobson, Mary Catherine     | New York City        |
| Johnson, Leland Graham       | Xenia, Ohio          |
| Lynn, Edgar Allan            | New York City        |
| A.B., Princeton, 1904        |                      |
| McAndrew, Helen              | New York City        |
| McLaughlin, DeWitt           | Terheun Austin, Tex. |
| Massey, Joseph Earl          | Altamahaw, N. C.     |
| A.B., Elon, 1918             |                      |
| Minister, Mildred Doris      | Washington, D. C.    |
| Moritz, Frank Livingston     | New York City        |
| Mulhern, Alice Wade          | Marys, Pa.           |
| Nache, André Georges         | New York City        |
| Noel, Homer Otis             | New Sharon, Iowa     |
| A.B., Grinnell, 1918         |                      |
| Poe, James Wilbur            | Ypsilanti, Mich.     |
| Powers, Beulah               | Dorchester, Mass.    |
| Rivera, Godofredo            | Laguna, P. I.        |
| Rosenbaum, Aline May         | Savannah, Ga.        |
| Rosenberg, Grace             | New York City        |
| Silberkraus, Robert          | New York City        |
| Southworth, Philip McKenna   | Flint, Mich.         |
| Spewack, Samuel              | New York City        |
| Thomas, Walter Meredith      | Utica, N. Y.         |
| Thompson, Ellen Richards     | Rock Island, Ill.    |
| Van Nort, Joseph Sands       | Scranton, Pa.        |
| Washburn, Marion             | Manchester, N. H.    |
| Wilks, Paul Almy             | Newport, R. I.       |

### NON-MATRICULATED STUDENTS

|                            |                    |
|----------------------------|--------------------|
| Groves, Pauline Trabee     | Campaign, Ill.     |
| A.B., Illinois, 1911       |                    |
| Hough, Henry Beetle        | New Bedford, Mass. |
| B.Lit., 1918               |                    |
| Rasmussen, Blanche Gardner | New York City      |

### SUMMARY

|                           |    |
|---------------------------|----|
| Second Year—Class of 1919 | 19 |
| First Year—Class of 1920  | 45 |
| Non-matriculated students | 3  |
|                           | 67 |

# REGISTER OF STUDENTS

## THE SCHOOL OF BUSINESS

### CANDIDATES FOR THE MASTER OF SCIENCE DEGREE

|                                           |                     |
|-------------------------------------------|---------------------|
| Bowen, William Spencer                    | New York City       |
| A.B., Oberlin, 1910; B.S., Columbia, 1917 |                     |
| Chang, Ju Shen                            | Chekiang, China     |
| B.S., Illinois, 1917                      |                     |
| Evans, Hornsby                            | Washington, D. C.   |
| A.B., Harvard, 1904                       |                     |
| Ihata, Masayoshi                          | Osaka, Japan        |
| A.B., Keio University, 1910               |                     |
| Langston, Loyd Helvetius                  | West Hoboken, N. J. |
| A.B., Maryville, 1913                     |                     |
| Morris, Edwin Allen                       | New York City       |
| A.B., Columbia, 1918                      |                     |
| Wang, Hwa                                 | Chekiang, China     |
| Government College of Law, Peking, China  |                     |
| (Diploma, 1914)                           |                     |

### CANDIDATES FOR THE BACHELOR OF SCIENCE DEGREE

|                               |                    |
|-------------------------------|--------------------|
| Adams, William Hamilton       | New York City      |
| Anderson, Chester Thomas      | New York City      |
| Andreanoff, John Paul         | Winfield, N. Y.    |
| Arnold, Henry Rogers          | Mt. Vernon, Ohio   |
| Baczynski, John Michael       | New York City      |
| Barker, Dorothy Marie         | Wilkes Barre, Pa.  |
| Baron, Jeannette              | New York City      |
| Beach, Bessie Marie           | Frankfort, N. Y.   |
| Becker, Myer                  | Birmingham, Ala.   |
| Butler, Charles Richardson    | New York City      |
| Carlson, Flavia Augusta       | New York City      |
| Chu, Tsao Whe                 | Kiang-Su, China    |
| Coe, George Northrop          | Coshocton, Ohio    |
| Coombes, William              | New York City      |
| Cox, Frances Bellman          | New York City      |
| Craigmyle, Ronald Muirhead    | Toronto, Canada    |
| Davis, Willis Ringo           | Ashland, Ky.       |
| Eskind, Manuel Milton         | Nashville, Tenn.   |
| Finnegan, Catherine Elizabeth | New Britain, Conn. |
| Finsterwald, Rae              | Detroit, Mich.     |
| Fiske, Margaret Gracie        | Cambridge, Mass.   |
| Fitzmaurice, James Edward     | Providence, R. I.  |
| Ford, W. Arnold               | New York City      |
| Frankel, Lee K., Jr.          | New York City      |
| Gaut, Lewis Tillman           | Knoxville, Tenn.   |
| Gelbin, Edward                | New York City      |

### Goldberg, Clarence Philip Rockville Centre, N. Y.

|                            |                        |
|----------------------------|------------------------|
| Goldstein, Benjamin Louis  | New York City          |
| Goldstein, Ira E.          | New York City          |
| Grof, Jessie               | Ossining, N. Y.        |
| Grossman, Helen            | New York City          |
| Haserot, Francis Samuel    | Cleveland, Ohio        |
| Hetfield, Francis Ward     | Brookland, D. C.       |
| Jacobs, Eva                | New York City          |
| Katz, Allen B.             | Martinsburg, W. Va.    |
| Keating, Clarence Edward   | Bridgeport, Conn.      |
| Kwauk, Ing Mok             | Shanghai, China        |
| Kwok, George S. K.         | Hong Kong, China       |
| Lapinsky, Samuel Archie    | New York City          |
| Liegey, Helen Leonie       | New Britain, Conn.     |
| Liegey, Martine Virginia   | New Britain, Conn.     |
| Lin, Chih-Huang            | Washington, D. C.      |
| Lipsky, Leon               | New York City          |
| Litt, Jack                 | East Patchogue, N. Y.  |
| Lorenz, Stephen John       | Newark, N. J.          |
| Lustberg, Rosalind Carolyn | New York City          |
| MacKinnon, Alice           | River Falls, Wis.      |
| Movitz, James Hyman        | Birmingham, Ala.       |
| Newman, Helen Elizabeth    | Philadelphia, Pa.      |
| Noel, Homer Otis           | New Sharon, Iowa       |
| Nusbaum, Virginius Harding | Norfolk, Va.           |
| Pearce, Isabel Beatrice    | Waukegan, Ill.         |
| Posner, Adolph             | Hartford, Conn.        |
| Rosenholz, Walter          | New York City          |
| Ross, Richard Morrow       | New York City          |
| Schaffer, Herold Morvitz   | Rochester, N. Y.       |
| Schomburg, Thomas Whigham  | Denver, Col.           |
| Schwartz, William          | New York City          |
| Shapiro, Joseph            | New York City          |
| Sheff, Alexander Leon      | New York City          |
| Shen, Yuen Ting            | Shanghai, China        |
| Shofu, Kenji               | Kyoto, Japan           |
| Shuloff, Emil              | New York City          |
| Silverman, Gabriel         | New York City          |
| Simon, Edgar King          | New York City          |
| Snyder, Libbie             | Council Bluffs, Iowa   |
| Stone, Maurice Louis       | New York City          |
| Sussman, Joseph Baruch     | Allentown, Pa.         |
| Teen, William Kabel        | New York City          |
| Thompson, Claude Henry     | Binghamton, N. Y.      |
| Tucker, Harriet Ann Howard | Colorado Springs, Col. |
| Unterberg, Lilian Grace    | New York City          |

|                           |                     |                            |                     |
|---------------------------|---------------------|----------------------------|---------------------|
| Uris, Percy               | New York City       | Jones, Elizabeth Louise    | Yonkers, N. Y.      |
| Waung, Cho Jan            | Soochou, China      | Knothe, Frank Frederick    | Ridgewood, N. J.    |
| Weiner, Maurice           | Hartford, Conn.     | Lightstone, Sidney         | Rochester, N. Y.    |
| Weisman, Ruth Kandel      | New York City       | Low, Yohmin                | Foochow, China      |
| Wenning, Irma Helen       | New York City       | Lowzow, Rolf               | Kristiania, Norway  |
| Wiesenberger, Arthur      | New York City       | Murfree, James Avent       | Murfreesboro, Tenn. |
| Wolff, Fred Gustav        | New York City       | Phillips, Corbet Ellsworth | Pikeville, Ky.      |
| Wofford, Harris Llewellyn |                     | Ralston, Ruth Angus        | Allenhurst, N. J.   |
|                           | Johnson City, Tenn. | A.B., Smith, 1914          |                     |
| Yeh, Tek Chen             | Shanghai, China     | Reynolds, John James       | Phillipsburg, N. J. |

## NON-MATRICULATED STUDENTS

|                            |                      |                            |                   |
|----------------------------|----------------------|----------------------------|-------------------|
| Albright, Andrew, 3d       | Newark, N. J.        | Roberts, Clark Thomas      | Buffalo, N. Y.    |
| Appleby, John Lockman      | Glen Cove, N. Y.     | Rogers, George Wilson      | Huntington, N. Y. |
| Beckett, Nannie Coleman    | New York City        | Silbert, Benjamin Franklin | Dawson, Tex.      |
| Brevig, Sigurd Dahl        | Elverum, Norway      | Sogo, Kikujiro             | Kyoto, Japan      |
| Cleveland, Arthur Mortland | Plymouth, Ind.       | Stanton, Roger Fellows     | Hightstown, N. J. |
| Dugan, Rodman Carr         | New Brunswick, N. J. | Tai, En Chang              | Hong Kong, China  |
| Eccles, Spencer Stoddard   | Logan, Utah          | A.B., St. Johns, 1917;     | A.M., Columbia,   |
| Fujie, Shiro               | Osaka, Japan         | 1918                       |                   |
| B.S., Keio, 1912           |                      | Tunis, John Theodore, Jr.  | Lexington, Ky.    |
| Ghandy, Tchangir T.        | Bombay, India        | Whiteside, Samuel Eugene   | Greencastle, Ind. |
| Hamann, Carl Ferdinand     |                      | A.B., Northwestern, 1913   |                   |
| Ph.B., Yale, 1917          |                      |                            |                   |

## SUMMARY

|                             |                  |                                               |     |
|-----------------------------|------------------|-----------------------------------------------|-----|
| Harper, Grace A.            | Denver, Ind.     | Candidates for the Master of Science Degree   | 7   |
| Heckman, Harold Milton      | Elizabeth, N. J. | Candidates for the Bachelor of Science Degree | 81  |
| Hellmann, Louis             | New York City    | Non-matriculated Students                     | 33  |
| Henderson, Gerald Alexander | Troy, Ala.       |                                               |     |
| Hull, Maurice Chapman       | Larchmont, N. Y. |                                               |     |
| Hunter, Chauncey D.         | Abilene, Kan.    | Total School of Business                      | 121 |

## SUMMARY

### OFFICERS

(Corrected to March 15, 1919)

|                                                                                                           |     |       |
|-----------------------------------------------------------------------------------------------------------|-----|-------|
| Professors . . . . .                                                                                      | 175 |       |
| Associate Professors . . . . .                                                                            | 53  |       |
| Assistant Professors . . . . .                                                                            | 114 |       |
| Clinical Professors . . . . .                                                                             | 20  |       |
| Associates . . . . .                                                                                      | 48  |       |
| Instructors . . . . .                                                                                     | 197 |       |
| Curators . . . . .                                                                                        | 2   |       |
| Lecturers . . . . .                                                                                       | 37  |       |
| Assistants . . . . .                                                                                      | 57  |       |
| Clinical Assistants . . . . .                                                                             | 67  |       |
|                                                                                                           |     | <hr/> |
| UNIVERSITY OFFICERS OF INSTRUCTION . . . . .                                                              | 770 |       |
| OTHER INSTRUCTORS IN TEACHERS COLLEGE . . . . .                                                           | 126 |       |
| OTHER INSTRUCTORS IN COLLEGE OF PHARMACY . . . . .                                                        | 5   |       |
| INSTRUCTORS IN EXTENSION TEACHING NOT INCLUDED ABOVE . . . . .                                            | 127 |       |
|                                                                                                           |     | <hr/> |
| UNIVERSITY OFFICERS OF ADMINISTRATION NOT INCLUDED ABOVE . . . . .                                        |     | 1,028 |
| OTHER OFFICERS OF ADMINISTRATION, BARNARD COLLEGE, TEACHERS COLLEGE,<br>AND COLLEGE OF PHARMACY . . . . . |     | 37    |
|                                                                                                           |     | <hr/> |
|                                                                                                           |     | 1,092 |
| EMERITUS OFFICERS . . . . .                                                                               | 15  |       |
| OTHER OFFICERS NOT IN ACTIVE SERVICE . . . . .                                                            | 13  |       |
|                                                                                                           |     | <hr/> |
| TOTAL . . . . .                                                                                           |     | 1,120 |
| HORACE MANN SCHOOL AND THE LINCOLN SCHOOL NOT INCLUDED ABOVE . . . . .                                    |     | 114   |

## STUDENTS

(Corrected to March 15, 1919)

|                                                       |                   | 1918-1919                           |        |
|-------------------------------------------------------|-------------------|-------------------------------------|--------|
|                                                       | Summer<br>Session | Winter<br>and<br>Spring<br>Sessions | Totals |
| S. A. T. C. and Naval Unit . . . . .                  | ..                | 2,175                               | 2,175  |
| Columbia College . . . . .                            | 257               | 1,488                               | 1,745  |
| School of Law . . . . .                               | 19                | 223                                 | 242    |
| College of Physicians and Surgeons . . . . .          | 32                | 529                                 | 561    |
| Schools of Mines, Engineering and Chemistry . . . . . | 12                | 93                                  | 105    |
| Graduate Faculties . . . . .                          | 502               | 778                                 | 1,280  |
| School of Architecture . . . . .                      | 6                 | 41                                  | 47     |
| School of Journalism . . . . .                        | 8                 | 67                                  | 75     |
| Barnard College . . . . .                             | 73                | 766                                 | 839    |
| Teachers College . . . . .                            | 1,591             | 2,363                               | 3,954  |
| College of Pharmacy . . . . .                         | ..                | 343                                 | 343    |
| Extension Teaching . . . . .                          | ..                | 6,749                               | 6,749  |
| School of Business . . . . .                          | 8                 | 121                                 | 129    |
| Unclassified University Students . . . . .            | 3,514             | 115                                 | 3,629  |
|                                                       |                   | <hr/>                               | <hr/>  |
| TOTAL . . . . .                                       | 6,022             | 15,851                              | 21,873 |
| Duplicate registrations between schools . . . . .     | ..                | ..                                  | 2,069  |
|                                                       |                   | <hr/>                               | <hr/>  |
| Totals by sessions and for the year to date . . . . . | 6,022             | 15,851                              | 19,804 |



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# Directory of Officers

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| <i>A.</i> =Avery.                            | <i>H.M.S.</i> = Horace Mann School.       | <i>Phar.</i> = College of Pharmacy, 115 W. 68.                   |
| <i>B.</i> =Barnard College.                  | <i>H.M.B.S.</i> =Horace Mann Boys School. | <i>P.&amp;S.</i> =College of Physicians and Surgeons, 437 W. 59. |
| <i>C.R.L.</i> =Crocker Research Laboratory.  | <i>Hv.</i> =Havemeyer.                    | <i>S.</i> = Schermerhorn.                                        |
| <i>E.</i> =Engineering.                      | <i>J.</i> =Journalism.                    | <i>S.H.</i> =Students Hall.                                      |
| <i>East</i> =East Hall.                      | <i>K.</i> =Kent.                          | <i>T.</i> =Teachers College                                      |
| <i>E.H.</i> =Earl Hall.                      | <i>L.</i> =Library.                       | <i>Th.</i> =Thompson.                                            |
| <i>F.</i> =Fayerweather.                     | <i>L.S.</i> =The Lincoln School.          | <i>U.</i> =University.                                           |
| <i>G.T.S.</i> =General Theological Seminary. | <i>M.</i> =School of Mines                | <i>U.T.S.</i> =Union Theol. Seminary.                            |
| <i>Gym.</i> =Gymnasium.                      | <i>Macy</i> =Macy.                        | <i>V.C.</i> =Vanderbilt Clinic                                   |
| <i>H.A.</i> =Household Arts.                 | <i>P.</i> =Philosophy.                    |                                                                  |
| <i>Hm.</i> =Hamilton.                        |                                           |                                                                  |

Furnald, Hartley, Livingston, Whittier, Brooks = Residence Halls. † = Married.

| Name                                                        | Office Hours                         | Office    | Residence                            |
|-------------------------------------------------------------|--------------------------------------|-----------|--------------------------------------|
| Abbott, A. Asst. Prof. †                                    | M. W. 3                              | 320 T.    | 338 Summit ave.,<br>Leonia, N. J.    |
| Abbott, N. Prof. †                                          | M. W. F. 9-10                        | K.        | 540 W. 122                           |
| Abramowitz, E. W. Clin. Asst.                               |                                      | V. C.     | 41 W. 82                             |
| Achilles, Mrs. Edith M. Exec.<br>Sec. Com. Women's War Work | Daily 9-1                            | 316 U.    | 616 W. 116                           |
| Ackerman, Mrs. Mary L. Lect.                                | M. F. 9-12                           | 505 T.    | 1 W. 64                              |
| Adam, J. D. Assoc. †                                        |                                      | 216 B.    | 25 Arnoldale rd.,<br>Hartford, Conn. |
| Adams, P. H. Instr. †                                       |                                      | P. & S.   | 55 E. 61                             |
| Adler, F. Prof. †                                           | (Absent on Leave,<br>Spring Session) | 2 W. 64   | 154 W. 77                            |
| Agersborg, H. P. K. Ext. T.                                 |                                      |           | 425 Convent ave.                     |
| Agger, E. E. Assoc. Prof. †                                 | (Absent on Leave)                    | 713 Hm.   | Birchwood pl.,<br>Tenafly, N. J.     |
| Agramonte, E., Jr. Lect. †                                  | Daily 8:30-9                         | 511 J.    | 438 W. 116                           |
| Alberti, Mme. E. A. Lect.                                   |                                      | T.        | Carnegie Hall                        |
| Alexander, L. H. Instr. †                                   | T. Th. 4                             | 112 B.    | 381 Park ave.,<br>Leonia, N. J.      |
| Allen, G. M. Instr. †                                       | Daily 10:30-11                       | 406 A.    | 521 W. 122                           |
| Allison, Mary P. Secy Whittier                              |                                      | Whittier  | Whittier                             |
| Alsop, Gulielma F. Coll. Phys-<br>ician at B. C.            | M.-F. 1-3:30                         | S. H.     | 53 Washington sq.                    |
| Alter, E. Clin. Asst.                                       | (Absent on leave)                    | V. C.     | 20 W. 111                            |
| Anderton, W. P. Instr.                                      |                                      | P. & S.   | 31 E. 72                             |
| Andreevski, I. S. Ext. T.                                   |                                      |           | Woolworth Bldg.                      |
| Andrews, B. R. Asst. Prof. †                                | M. W. 3                              | 119 H. A. | Edgewater, N. J.                     |
| Anthony, Kate S. Tr.                                        |                                      | H. M. S.  | 202 W. 78                            |

# D I R E C T O R Y   O F   O F F I C E R S

| Name                                       | Office Hours                                     | Office                     | Residence                                 |
|--------------------------------------------|--------------------------------------------------|----------------------------|-------------------------------------------|
| Anthony, O. W. Ext. T.                     |                                                  | DeWitt<br>Clinton<br>H. S. |                                           |
| Apfel, G. Clin. Asst.                      |                                                  | V. C.                      | 1722 Union                                |
| Ardzrooni, L. Instr. †                     | M. W. F. 9-10<br>T. Th. 2-3<br>(Absent on leave) | 708 Hm.<br>512 K.          | 420 W. 119                                |
| Arendt, M. Asst. Prof.                     |                                                  |                            | 159 W. 85                                 |
| Arnadottir, H. Ext. T.                     |                                                  |                            | 110 Morningside dr.                       |
| Arnett, A. M. Instr. †                     | W. F. 10-11                                      | 704 Hm.<br>Phar.           | 135 Watchung ave.,<br>Montclair, N. J.    |
| Army, H. V. Prof. †                        |                                                  |                            |                                           |
| Aronson, L. S. Instr.                      |                                                  | P. & S.                    | 1391 Madison ave.                         |
| Atchley, D. W. Instr. †                    |                                                  | P. & S.                    | 1920 Loring pl.                           |
| Atwood, A. W. Assoc. †                     | M. 2-3                                           | 607 J.                     | 272 Nassau,<br>Princeton, N. J.           |
| Atwood, Evelyn E. College<br>Visitor T. C. | M.-F. 2-4                                        | 108 T.                     | 434 W. 120                                |
| Auchincloss, H. Assoc. †                   |                                                  | P. & S.                    | 125 E. 70                                 |
| Ayres, D. R. Instr.                        |                                                  | P. & S.                    | 640 Madison ave.                          |
| Ayres, H. M. Asst. Prof. †                 | W. Th. 3-4<br>(Absent on leave)                  | 606 P.                     | Westport, Conn.                           |
| Babcock, J. W. Instr.                      | M. W. F. 10                                      | P. & S.                    | 61 E. 86                                  |
| Bach, M. G. Instr.                         | M. T. Th. 4-5;<br>W. F. 11-12                    | 231 T.<br>405 A.           | Livingston<br>Fieldston rd.,<br>Riverdale |
| Bacon, Georgia F. Tr.                      |                                                  | H. M. S.                   | 537 W. 121                                |
| Baekeland, L. H. Hon. Prof. †              |                                                  |                            | Harmony Park,<br>Yonkers                  |
| Bagley, W. C. Prof. †                      | M. W. 4-5;<br>T. Th. 10:30-11                    | 231 T.                     | Pleasantville                             |
| Bagster-Collins, E. W.<br>Assoc. Prof. †   | (Absent on leave)                                | T.                         | Box 1608 Washing-<br>ton, D. C.           |
| Bailey, C. H. Assoc.                       |                                                  | P. & S.                    | 51 Craft ave., Bronx-<br>ville            |
| Baker, C. McC. Tr.                         | (Absent on leave)                                | H. M. S.                   | Faculty Club                              |
| Baker, Emma R. Instr.                      | Daily 9:30-10:30                                 | Whittier                   | Whittier                                  |
| Baker, F. T. Prof. †                       | T. Th. 10:30-11                                  | 323 T.                     | Park Hill, Yonkers                        |
| Baker, Helen B. Tr.                        |                                                  | H. M. S.                   | 195 Claremont ave.                        |
| Baker, K. L. Ext. T.                       |                                                  |                            | 52 Wall                                   |
| Baker, S. Josephine Lect.                  |                                                  | T.                         | 33 W. 96                                  |
| Baldensperger, F. Prof. †                  | T. 9-12                                          | 500 P.                     | 298 Manhattan ave.                        |
| Balderston, L. Ray Instr.                  | M. F. 11-12;<br>T. 1:30-2                        | 56 H. A.                   | 509 W. 121                                |
| Baldt, Laura I. Instr.                     | M. F. 1:40-2:10                                  | 304 H. A.                  | 412 West End ave.                         |
| Baldwin, C. S. Prof. †                     | M. W. F. 11-11:50                                | 140 B.                     | 524 Riverside dr.                         |
| Baldwin, Elizabeth G.<br>Lib'n T. C.       | Daily 11-12                                      | 313 T.                     | 405 W. 123                                |
| Baldwin, Mabel E. Asst.                    | T. Th. 10-11                                     | 513 Hv.                    | 435 W. 119                                |
| Ballard, Anna W. Asst. Prof.               | M. W. F. 11                                      | 331 T.                     | 120 W. 103                                |
| Ballard, C. W. Assoc. Prof.                |                                                  | Phar.                      | 335 Senator, Bklyn.                       |
| Baltz, F. P. Ext. T.                       |                                                  |                            | 371 W. 119                                |
| Bancel, H. A. Clin. Asst.                  |                                                  | V. C.                      | 235 E. 68                                 |

| Name                              | Office Hours      | Office      | Residence                               |
|-----------------------------------|-------------------|-------------|-----------------------------------------|
| Bandler, C. G. Assoc.             |                   | P. & S.     | 219 W. 81                               |
| Barber, E. M. Ext. T.             |                   |             | 633 W. 152                              |
| Barrows, Anna Instr.              |                   | 214 H. A.   | 420 W. 121                              |
| Barry, F. Lect. †                 | (Absent on leave) |             | 601 W. 113                              |
| Barry, M. B. Tr.                  |                   | H. M. B. S. | 510 W. 124                              |
| Bartholow, P. Clin. Asst. †       |                   | V. C.       | 40 E. 41                                |
| Bartlett, F. H. Assoc.            | (Absent on leave) | P. & S.     | 44 E. 63                                |
| Barto, Harriet T. Inst.           | M. W. F. 1-2      | 415 H. A.   | Whittier                                |
| Bass, M. H. Instr. †              |                   | P. & S.     | 41 W. 83                                |
| Bastedo, W. A. Asst. Prof. †      |                   | P. & S.     | 57 W. 58                                |
| Batchelder, Evelyn Tr.            |                   | H. M. S.    | 430 W. 119                              |
| Batchelder, Mildred I. Tr.        |                   | H. M. S.    | 419 W. 118                              |
| Bauer, A. J. Asst. Secy.          |                   | Phar.       | 520 W. 114                              |
| Baughman, W. H. Clin. Asst.       |                   | V. C.       | 134 E. 62                               |
| Beans, H. T. Assoc. Prof. †       | (Absent on leave) |             | Washington, D. C.                       |
| Beans, J. E. Ext. T.              |                   |             | 115 Carleton ave.,<br>Bridgeport, Conn. |
| Beaumont, Willian Asst.           |                   | 119 H.M.S.  | Whittier                                |
| Beidleman, F. A. Ext. T.          | M. W. F. 3-4      | 509 J.      | 530 W. 124                              |
| Beiser, H. E. Instr.              |                   | P. & S.     | 250 W. 74                               |
| Belting, P. E. Asst. †            |                   | H. M. B. S. | 510 W. 123                              |
| Bement, A. Asst. Prof. †          | Daily 9-12        | 431 Macy    | 210 W. 59                               |
| Bender, W. F. Instr.              |                   | P. & S.     | 25 Ft. Washington<br>ave.               |
| Benjamin, E. W. Ext. T.           |                   |             | 501 W. 121                              |
| Bennett, Mrs. Edna H. Lect.       | M. W. 10-11       | 403 B.      | 90 Morningside dr.                      |
| Bennett, G. E. Instr. †           | M.-F. 1-3         | 505 J.      | 416 W. 215                              |
| Benton, Mrs. Elma H. Asst.        | W. 11; F. 3       | 227 T.      | 503 W. 121                              |
| Berens, C. Clin. Asst.            | (Absent on leave) | V. C.       | 24 E. 48                                |
| Berg, H. W. Assoc.                |                   | P. & S.     | 10 E. 73                                |
| Berger, Jane C.                   | Daily 9-5         | 105 T.      | Whittier                                |
| Secy. to Dean, T. C.              |                   |             |                                         |
| Berkey, C. P. Prof. †             | Daily 12-2        | 303 S.      | Palisade, N. J.                         |
| Betz, G. A. Instr.                | M. W. F. 1:30     | 405 Hm.     | 510 W. 124                              |
| Bewer, J. A. Prof. in U. T. S.    | T. Th. 11-12      | U. T. S.    | 606 W. 122                              |
| Beyer, A. B. Assoc. †             | M. W. 10-11       | 408 E.      | 55 Leggett ave.,<br>Woodhaven, L. I.    |
| Bigelow, C. O. Treas. Coll. Phar. |                   | Phar.       | 133 W. 78                               |
| Bigelow, Gertrude I. Tr.          |                   | H. M. S.    | 434 W. 120                              |
| Bigelow, M. A. Prof. and Dir.     | Daily 9-11        | 107 T.      | R. F. D. No. 1, Cro-<br>ton-on-Hudson   |
| Sch. Practical Arts †             |                   |             |                                         |
| Bigongiari, D. Asst. Prof.        | (Absent on leave) |             |                                         |
| Bigongiari, G. Ext. T.            |                   |             | 178 Park Row                            |
| Bindermann, S. A. Clin. Asst.     |                   | V. C.       | 47 St. Mark's pl.                       |
| Birch, Blanche L. Tr.             |                   | H. M. S.    | 305 W. 45                               |
| Bird, J. M. Ext. T.               |                   |             | 1793 Montgomery<br>ave.                 |
| Bishop, Fanny A.                  |                   |             |                                         |
| Secy. to Dean of Barnard          | Daily 9-5         | B.          | 630 W. 135                              |
| Bishop, F. W. Instr. †            | (Absent on leave) | P. & S.     | 680 West End ave.                       |
| Blackwell, H. B. Instr.           |                   | P. & S.     | 148 W. 58                               |

# DIRECTORY OF OFFICERS

| Name                                                           | Office Hours                           | Office                 | Residence                              |
|----------------------------------------------------------------|----------------------------------------|------------------------|----------------------------------------|
| Blair, Vevia, Tr.                                              |                                        | H. M. S.               | 430 W. 119                             |
| Blakeslee, G. A. Clin. Asst.                                   |                                        | V. C.                  | 504 W. 111                             |
| Blancard, W. Clin. Asst.                                       | (Absent on leave)                      | V. C.                  | 55 E. 76                               |
| Blanchard, R. H. Instr.                                        | (Absent on leave)                      |                        | 627 W. 113                             |
| Bliss, Grace V. Assoc. Adviser<br>and Secy. Dept. of Fine Arts | Daily 10-12; 2-4;<br>S. 10-12          | 431 Macy               | Furnald                                |
| Boas, Belle Tr.                                                |                                        | H. M. S.               | 512 W. 123                             |
| Boas, F. Prof. †                                               | M. W. 2                                | 706 J.                 | 230 Franklin ave.,<br>Grantwood, N. J. |
| Bogert, M. T. Prof. †                                          | (Absent on leave)                      |                        | 422 W. 154                             |
| Bolduan, C. F. Lect. †                                         |                                        | P. & S.                | 315 W. 113                             |
| Bonser, F. G. Prof. †                                          | T. Th. 2-3                             | 235 Macy               | 196 Glenwood ave.,<br>Leonia, N. J.    |
| Boots, R. S. Instr. †                                          | W. 2-3; Th. 11-12                      | 711 Hm.                | 604 W. 125                             |
| Boring, W. A. Prof. †                                          |                                        |                        | 500 W. 121                             |
| Bovaird, D., Jr. Asst. Prof. †                                 | (Absent on leave)                      | P. & S.                | 137 E. 60                              |
| Bowman, Clyde A. Instr.                                        |                                        | T.                     |                                        |
| Bowman, J. F. Instr. †                                         |                                        | P. & S.                | 40 Union ave.,<br>Irvington, N. J.     |
| Boyd, W. B. Asst.                                              |                                        | P. & S.                | 850 Park ave.                          |
| Bradish, Ethelwyn C. Tr.                                       |                                        | L. S.                  | Furnald                                |
| Brainin, C. S. Ext. T.                                         | F. 7 p. m.                             | Wilde Ob-<br>servatory | 31 Astor ,<br>Newark, N. J.            |
| Brant, Laura C. Lect.                                          |                                        | 230 B.                 | 530 W. 123                             |
| Braun, W. A. Assoc. Prof. †                                    | M. W. 10                               | 113 B.                 | 99 Claremont ave.                      |
| Breckenridge, W. E. Assoc. †                                   | T. 3:30-4                              | 212 T.                 | 21 Sycamore ave.,<br>Mt. Vernon        |
| Brewster, Dorothy Instr.                                       | M. Th. 2-3                             | 710 J.                 | 618 W. 114                             |
| Brewster, G. F. Clin. Asst.                                    |                                        | V. C.                  | 264 W. 57                              |
| Brewster, Wm. T. Prof. †                                       | (Absent on leave)                      |                        | Hartsdale                              |
| Briggs, Annie B. Asst.                                         |                                        | H. M. S.               | 505 W. 121                             |
| Briggs, Elizabeth Tr.                                          |                                        | H. M. S.               | 11½ W. 84                              |
| Briggs, T. H. Assoc. Prof. †                                   | M. 10-10:30; W.<br>3-3:30; S. 11-11:30 | 229 T.                 | 533 W. 124                             |
| Brill, N. E. Prof. †                                           | (Absent on leave)                      | P. & S.                | 48 W. 76                               |
| Britton, N. L. Dir. N. Y.<br>Bot. Garden †                     |                                        |                        | Bronx Park                             |
| Broadhurst, Jean Asst. Prof.                                   | W. 2-3                                 | 420 T.                 | Edgewater, N. J.                       |
| Brooks, F. E. Tr. †                                            |                                        | H. M. B. S.            | 600 W. 114                             |
| Brooks, Mrs. Marie K. Tr.                                      |                                        | H. M. S.               | 600 W. 114                             |
| Brown, D. M. Asst.                                             |                                        | P. & S.                | 1642 Madison ave.                      |
| Brown, Grace L. Instr.                                         | M. 4; W. F. 10                         | 112 T.                 | 414 W. 121                             |
| Brown, M. Tr.                                                  |                                        | H. M. B. S.            | Riverdale Ave..                        |
| Brown, R. C. E., Asst. Prof. †                                 | M. 11-12                               | 608 J.                 | 164 Hicks, Brooklyn                    |
| Bruce, J. L. Ext. T.                                           |                                        |                        |                                        |
| Buckner, C. A. Asst. to Director,<br>The Lincoln School †      | Daily 9-12                             | L. S.                  | 56 E. 59                               |
| Bullock, F. D. Assoc. †                                        |                                        | C. R. L.               | 1145 Amsterdam ave.                    |
| Burdick, F. M. Emer. Prof. †                                   |                                        |                        | 601 W. 113                             |
| Burgess, J. W. Emer. Prof. †                                   |                                        |                        | 187 Gibbs ave.,<br>Newport, R. I.      |



| Name                                                   | Office Hours                     | Office    | Residence                             |
|--------------------------------------------------------|----------------------------------|-----------|---------------------------------------|
| Burke, Agnes Instr.                                    | F. 3-4                           | 110 T.    | 435 W. 123                            |
| Burke, S. P. Asst.                                     | Daily 4-6                        | 505 Hv.   | 3151 Sedgwick ave.                    |
| Burnham, A. C. Clin. Asst.                             |                                  | V. C.     | 140 W. 79                             |
| Burns, Margaret Instr.                                 | W. 12-1                          | S. H. 208 | 306 W. 102                            |
| Burnside, C. H. Assoc. Prof. †                         | Daily 9 and 2                    | 507 F.    | Morsemere, N. J.                      |
| Burr, Constance F. Secy. of<br>Girls' High School      |                                  | H. M. S.  | 12 W. 120                             |
| Burr, W. H. Emer. Prof. †                              |                                  |           | 27 E. 77                              |
| Burrill, E. W. Ext. T. †                               |                                  |           | 620 W. 116                            |
| Burton-Opitz, R. Assoc. Prof. †                        |                                  | P. & S.   | Palisade, N. J.                       |
| Bush, W. T. Assoc. Prof. †                             | W. Th. F. 11-12                  | 704 P.    | 1 W. 64                               |
| Butler, B. T. Instr. †                                 |                                  |           | 186 Crescent ave.,<br>Leonia, N. J.   |
| Butler, N. M. Prest. †                                 | M. T. Th. F. 10:30-<br>12        | 213 L.    | 60 Morningside dr.                    |
| Byard, D. S. Instr. †                                  |                                  | P. & S.   | 155 E. 70                             |
| Byrnes, T. W. Ext. T.                                  |                                  |           | 52 Wall                               |
| Cain, E. A. Clin. Asst.                                | (Absent on leave)                | V. C.     | 344 W. 22                             |
| Caldwell, O. W. Prof. and Dir.<br>The Lincoln School † | Daily 9-12                       | L. S.     | 47 Rockland ave.,<br>Yonkers          |
| Caldwell, W. E. Instr. †                               | M. W. F. 10-11                   | 603 K.    | 2226 Loring pl.                       |
| Calkins, G. N. Prof. †                                 | M.-Th. 9-10;<br>F. 1-2; S. 11-12 | 609 S.    | 39 Walworth ave.,<br>Hartsdale        |
| Camac, C. N. B. Asst. Prof. †                          | (Absent on leave)                | P. & S.   | 128 E. 60                             |
| Cammack, Margaret L. Asst.                             | T. Th. 1-2                       | 402 T.    | Whittier                              |
| Campbell, R. A. Special Instr.                         |                                  | T.        | 528 W. 123                            |
| Campbell, W. Prof. †                                   | (Absent on leave)                | 303 M.    | 160 W. 95                             |
| Canfield, G. F. Prof. †                                | M. Th. 12-1                      | 406 K.    | 344 W. 72                             |
| Cannon, A. B. Instr.                                   |                                  | P. & S.   | 164 W. 74                             |
| Cantor, S. Clin. Asst.                                 |                                  | V. C.     | 1317-45th, Bklyn.                     |
| Carey, Cornelia L. Asst.                               |                                  | 312a B.   | Luddington rd.,<br>West Orange, N. J. |
| Carlucci, G. A. Instr.                                 |                                  | P. & S.   | 981 Park ave.                         |
| Carman, H. J. Instr. †                                 | M. 3-4; T. 1-2                   | 710 Hm.   | 420 W. 118                            |
| Cárney, Mabel Assoc.                                   | M. 5-6; T. 3-4;<br>F. 10-11      | 317 T.    | 103 Overlook ter.,<br>Leonia, N. J.   |
| Carothers, F. Edith Asst.                              | T. Th. 3-4; F. 9-10              | 411 S.    | 1154 49th, Brooklyn                   |
| Carpenter, C. D. Asst. Prof. †                         | M. F. 11-12                      | 415 T     | 114 Morningside dr.                   |
| Carpenter, W. H. Prof.                                 | Daily 10-12                      | 305 E.    | 417 W. 117                            |
| Provost and Acting Librarian †                         | Daily 2-4                        | L.        |                                       |
| Carr, C. E. Instr.                                     |                                  | P. & S.   | 771 Madison ave.                      |
| Carroll, Bessie, Sec. to Dir. Sch.<br>Practical Arts   | M.-F. 9-5; S. 9-12               | 107 T.    | 124 W. 91                             |
| Carroll, M. Evelyn Tr.                                 |                                  | H. M. S.  | Whittier                              |
| Carter, H. S. Assoc. †                                 |                                  | P. & S.   | 66 W. 55                              |
| Cartwright, Mrs. Harriet G. Tr.                        |                                  | H. M. S.  | Hotel Clendening                      |
| Cassamajor, L. Assoc. Prof.                            | (Absent on leave)                |           |                                       |
| Chaddock, R. E. Assoc. Prof. †                         | M. W. 11-12                      | 501 K.    | 54 Morningside dr.                    |
| Chalfin, P. Ext. T.                                    |                                  |           | 597 Fifth ave.                        |
| Chambers, P. F. Prof. †                                |                                  | P. & S.   | 865 Madison ave.                      |
| Chandler, C. F. Emer. Prof. †                          |                                  |           | 51 E. 54                              |

| Name                              | Office Hours                | Office    | Residence                           |
|-----------------------------------|-----------------------------|-----------|-------------------------------------|
| Chandler, H. A. E. Assoc. Prof. † | M. W. 1-2                   | 514 Hm.   | Westport, Conn.                     |
| Charlsen, Mrs. Edna Ext. T.       |                             |           | 601 W. 138                          |
| Chase, O. J. Asst. Prof.          | (Absent on leave)           | V. C.     | 17 E. 38                            |
| Chassell, Clara F. Instr.         | T. Th. 8:30-9               | H. M. S.  | Whittier                            |
| Chassell, Laura M. Asst.          |                             | 332 T.    | Whittier                            |
| Chen, Y. M. Ext. T.               |                             |           | 106 Morningside dr.                 |
| Chittick, J. Lect.                |                             | T.        | 122 E. 25                           |
| Christianson, Erica Instr.        | M. F. 11-12                 | 113 H. A. | 537 W. 121                          |
| Clark, D. L. Instr. †             | M. Th. 2-3                  | 710 J.    | 40 Barrow                           |
| Clark, Jennie M. Tr.              |                             | H. M. S.  | 510 W. 123                          |
| Clark, J. B. Prof. †              | (Absent on leave)           |           | 465 West End ave.                   |
| Clark, R. F. Ext. T.              |                             |           | 194 Christie Hts.,<br>Leonia, N. J. |
| Clark, T. Lect. †                 |                             | T.        | Ridge rd., Park Hill,<br>Yonkers    |
| Clarke, J. A., Jr. Asst.          |                             | P. & S.   | 116 E. 58                           |
| Clarke, W. C. Asst. Prof.         |                             | P. & S.   | Tenafly, N. J.                      |
| Class, F. M. Assoc.               |                             | P. & S.   | 118 E. 31                           |
| Clifford, Rev. C. Lect.           |                             | 702 P.    | Whippany, N. J.                     |
| Coad, O. S. Instr. †              | Daily 11-12                 | 606 Hm.   | 541 W 123                           |
| Coakley, C. G. Prof. †            |                             | P. & S.   | 53 W. 56                            |
| Coblentz, V. Emer. Prof.          |                             |           | 23 Vine, Brooklyn                   |
| Coe, G. A. Prof. in U. T. S.      |                             | U. T. S.  | 606 W. 122                          |
| Cohn, A. Ret. Prof. †             |                             |           |                                     |
| Colby, Gertrude K. Instr.         | T. Th. 4:30; F. 11          | 553 Th.   | 435 W. 119                          |
| Cole, F. N. Prof. †               | T. 3-4                      | 406 East  |                                     |
| Cole, Helen Asst.                 |                             | T.        | Furnald                             |
| Coleman, Cynthia E. Asst.         |                             |           |                                     |
| Adviser and Secy. to Phys.        |                             |           |                                     |
| Ed. Dept.                         | Daily 9-5                   | 158 Th.   | 202 W. 74                           |
| Coll, A. P. Instr. †              |                             | P. & S.   | 153 Lexington ave.                  |
| Colman, Anna Instr.               | M. 2-3                      | 214 H. A. | 1 Lexington ave.                    |
| Colony, R. J. Instr. †            | M. W. F. 9-6;<br>T. Th. 9-4 | 301 S.    | Bronxville                          |
| Colsey, L. C. Gym. Asst.          |                             | Gym.      | Fourth ave., Nyack                  |
| Condry, Margaret G. Tr.           |                             | H. M. S.  | 419 W. 119                          |
| Contreras, C. Instr.              |                             | 506 P.    | 608 W. 113                          |
| Conway, Alice Instr.              | M. 2-3                      | 214 H. A. | 414 W. 121                          |
| Cook, Elizabeth C. Instr.         | W. F. 2-3                   | 322 T.    | 501 W. 120                          |
| Cook, Mary A. Lib'n Sch. Journ.   |                             | 303 J.    | 417 W. 120                          |
| Cooley, Anna M. Assoc. Prof.      | T. Th. 2-3                  | 115 H. A. | 202 W. 79                           |
| Cooley, W. F. Instr. †            | (Absent on leave)           |           | Claremont, Cal.                     |
| Coombs, Helen C. Asst.            |                             | P. & S.   | 437 W. 59                           |
| Cooper, Katherine M. Lect.        | F. 12-1                     | 208 S. H. | 290 Adelphi, Bklyn.                 |
| Corbett, H. W. Ext. T.            |                             |           | 190 Montague,<br>Bklyn.             |
| Cornell, Grace A. Asst. Prof.     | M. W. 1-2                   | 431 Macy  | 33 Alsop, Jamaica                   |
| Cornwall, L. H. Clin. Asst.       |                             | V. C.     | 350 Park ave.                       |
| Corry, R. T. Instr.               |                             | P. & S.   | 3703 Willett ave.                   |
| Corscaden, J. A. Assoc. †         |                             | P. & S.   | 1048 Park ave.                      |
| Coss, J. J. Asst. Prof.           | (Absent on leave)           |           |                                     |

| Name                                                   | Office Hours                   | Office    | Residence                                           |
|--------------------------------------------------------|--------------------------------|-----------|-----------------------------------------------------|
| Costello, H. T., Lect.                                 | Daily 10                       | 702 P.    | 1264 Amsterdam ave.                                 |
| Costikyan, Mrs. Berthe M. Tr.                          |                                | H. M. S.  | 423 W. 120                                          |
| Couchman, C. B. Instr.                                 |                                | Phar.     | 423 W. 120                                          |
| Coulter, J. H. Tr.                                     |                                | H. M. S.  | 126 Milbank ave.<br>Greenwich, Conn.                |
| Cowl, Mrs. Margaret Z. Instr.                          | T. 3; Th. 2                    | 118 T.    | 509 W. 121                                          |
| Coxley, Irma H. Asst.                                  |                                | H. M. S.  | 302 Fourth ave.,<br>Roselle, N. J.                  |
| Coykendall, Mary H. Asst.                              |                                | H. M. S.  | 523 W. 121                                          |
| Crampton, H. E. Prof. †                                | T. Th. 2-3<br>W. 9-11          | 134 B.    | 2880 Broadway                                       |
| Crandon, Laura B. Tr.                                  |                                | 145 B.    |                                                     |
| Crawford, J. R. Asst. Prof. †                          | Daily 9-5                      | H. M. S.  | 401 W. 118                                          |
| Creasey, Hannah M. Ext. T.                             |                                | A.        | 403 W. 115<br>2540 Boulevard,<br>Jersey City, N. J. |
| Crissey, Helen Secy. H. M.<br>Elem. Sch.               |                                | H. M. S.  | 600 W. 114                                          |
| Crites, J. E., Jr. Asst.                               |                                | 603 F.    | Livingston                                          |
| Cross, A. J. Ext. T.                                   |                                |           | 8 W. 40                                             |
| Crounse, Dorothy Instr.                                | M.-F. 9-10                     | 353 Th.   | 508 W. 114                                          |
| Cunliffe, J. W. Prof. †                                | (Absent on leave)              |           | 320 W. 102                                          |
| Cunningham, R. H. Assoc.                               |                                | P. & S.   | 60 W. 10                                            |
| Currier, R. D. Ext. T.                                 |                                |           | 33 E. Park,<br>Newark, N. J.                        |
| Curry, W. A. Ext. T.                                   |                                |           | 201 W. 98                                           |
| Curtis, C. C. Assoc. Prof. †                           | T. W. Th. 2:30-3               | 506 S.    | 195 Claremont ave.                                  |
| Curtis, Mary W. Secy. to Dept.<br>of Foods and Cookery | M. 9-10                        | 211 H. A. | 457 W. 123                                          |
| Curtis, Maynie R. Assoc.                               |                                | C. R. L.  | 1145 Amsterdam ave.                                 |
| Curtis, Nell G. Tr.                                    |                                | L. S.     | 423 W. 120                                          |
| Czarnomska, M. Elizabeth J.<br>Ext. T.                 |                                |           | 417 W. 120                                          |
| Daniell, Lucetta Soc. Dir. T. C.                       | M.-F. 10-12                    | 108 T.    | Whittier                                            |
| Danielson, C. S. Bursar †                              | M.-F. 9:30-3:30;<br>S. 9:30-12 | 310 U.    | 93 Bruce ave.,<br>Yonkers                           |
| Danschakoff, Vera Asst. Prof.                          |                                | P. & S.   | 140 Claremont ave.                                  |
| Darrach, W. Prof. †                                    | (Absent on leave)              | P. & S.   | 47 W. 50                                            |
| Daschbach, M. Grace Instr.                             | M. T. Th. 1:10                 | 605 H. A. | 400 Carnegie Hall                                   |
| Davalos, B. Ext. T. †                                  |                                |           | 356 W. 145                                          |
| Davies, M. J. Asst. to Dir.<br>of Ext. T. †            |                                | 304 U.    | 411 W. 114                                          |
| Davis, B. Assoc. Prof.                                 | T. Th. 9-10                    | 408 F.    | Livingston                                          |
| Davis, C. E. Lect.                                     | Daily 10:30-11:30              | 114 Hv.   | Livingston                                          |
| Davis, Mrs. Estelle H. Lect.                           |                                | B.        | 189 Claremont ave.                                  |
| Dawson, F. T. Assoc. †                                 |                                | E.        | 544 W. 157                                          |
| Day, Grace A. Instr.                                   | M. 3:10-4;<br>W. 1:10-2        | 203 T.    | 420 W. 119                                          |
| Dean, A. D. Prof. †                                    | (Absent on leave)              | 129 Macy  | 414 W. 121                                          |
| Dean, B. Prof. †                                       |                                | Am. Mus.  |                                                     |
| Dearborn, Emma B. Ext. T.                              |                                | Nat. His. | Riverdale                                           |
|                                                        |                                |           | 357 W. 115                                          |

| Name                                            | Office Hours                        | Office      | Residence                     |
|-------------------------------------------------|-------------------------------------|-------------|-------------------------------|
| de Bacourt, P. Instr. †                         | M. W. F. 10-11                      | 606 J.      | 9 W. 98                       |
| Defrem, H. Ext. T.                              |                                     | P. & S.     | 82 Washington pl.             |
| de la Rochelle, P. Ext. T.                      |                                     |             | 318 W. 57                     |
| Dellinger, S. C. Asst. †                        | M. 1-3; S. 9-10                     | 619 S.      | 547 W. 123                    |
| Dement, Lucia W. Instr.                         | M. 9; W. 2                          | 431 Macy    | Women's Faculty Club          |
| Denig, R. C. Prof. †                            |                                     | P. & S.     | 56 E. 58                      |
| de Onís, F. Prof. †                             | Th. 2:30-4:30                       | 504 P.      | 140 Claremont ave.            |
| Detraz, M. Julia Tr.                            |                                     | H. M. S.    | 510 W. 123                    |
| Devine, E. T. Prof. †                           | (Absent on leave)                   |             | 542 W. 112                    |
| Dewey, John Prof. †                             | (Absent on leave)                   |             | 2880 Broadway                 |
| de Yoanna, G. Clin. Asst.                       |                                     | V. C.       |                               |
| Dibble, R. F. Instr.                            | M. W. F. 10-11                      | 606 Hm.     | 510 W. 124                    |
| Dickey, F. A. Registrar †                       | M.-F. 9:30-12; 2-4; S. 9:30-12      | 314 U.      | 53 Quimby ave., White Plains  |
| Diekman, G. C. Prof. †                          |                                     | Phar.       | 555 E. 23, Bklyn.             |
| Diem, O. Instr. †                               |                                     | P. & S.     | 4559 Carpenter ave.           |
| Diller, Helen E. Instr.                         | M. W. 2-3                           | 322 T.      | 419 W. 119                    |
| Dodge, Bernice F. Tr.                           |                                     | H. M. S.    | 501 W. 120                    |
| Dodge, B. O. Instr. †                           | W. F. 2-3                           | 510 S.      | 417 W. 121                    |
| Dodge, R. E. Emer. Prof.                        |                                     |             |                               |
| Dohr, J. L. Instr. †                            | (Absent on leave)                   |             |                               |
| Doty, Katherine S., Secy. of B. C.              | M.-F. 10-12; 2-4; S. 10-12          | B.          | 567 W. 113                    |
| Doty, Permelia M. Instr.                        | M.-F. 9-12                          | 106 H. A.   | Lawrence Park, W., Bronxville |
| Douglas, J. J. Instr.                           |                                     |             |                               |
| Dow, A. W. Prof. †                              | W. 5-6                              | 501 H. A.   | 501 W. 120                    |
| Dowd, C. N. Prof. †                             | (Absent on leave)                   | P. & S.     | 127 W. 72                     |
| Downes, W. A. Asst. Prof. †                     | (Absent on leave)                   | P. & S.     | 424 Park ave.                 |
| Draper, W. K. Prof. †                           |                                     | P. & S.     | 121 E. 36                     |
| Drew, Lillian C. Instr.                         | M. 10-11; T. Th. 2-3                | 353 Th.     | 435 W. 119<br>400 W. 118      |
| DrieHaus, I. W. Instr. †                        |                                     |             |                               |
| DuBois, Dr. Phebe L. Asst. Phys. T. C.          | M.-F. 4-6                           | 161 Th.     | 61 E. 65                      |
| Dudley, Gertrude Assoc.                         | M. 2-4; W. 9-12<br>Th. 1-3; F. 9-12 | S. H.       | 106 Morningside dr.           |
| Duncan, D. B. Ext. T.                           | Daily 10:30-12:30; 9:35-10 p. m.    | 711 J.      | 411 W. 115                    |
| Dunham, Mrs. Stella S. Tr.                      |                                     | H. M. B. S. | 600 W. 146                    |
| Dunn, Fannie W. Instr.                          | Th. 1:10-3                          | 317 T.      | 503 W. 121                    |
| Dunning, H. S. Prof.                            |                                     | P. & S.     | 17 E. 38                      |
| Dunning, W. A. Prof.                            | W. F. 2:30                          | 608 K.      | 65 W. 45                      |
| Dupin, E. A. Instr.                             |                                     | P. & S.     | 565 W. 144                    |
| Dutton, S. T. Emer. Prof. †                     |                                     |             | 70 Fifth ave.                 |
| Dwyer, J. G. Assoc.                             |                                     | P. & S.     | 121 E. 47                     |
| Earnshaw, H. C. Commanding Officer, S. A. T. C. | Daily 7-6                           | J.          | 420 W. 116                    |
| Eaton, Anne T. Librarian, The Lincoln School    |                                     | L. S.       | 646 Park ave.                 |



| Name                                                            | Office Hours                                      | Office            | Residence                                         |
|-----------------------------------------------------------------|---------------------------------------------------|-------------------|---------------------------------------------------|
| Edgerton, A. H. Tr. †                                           |                                                   | L. S.             | 414 W. 120                                        |
| Edman, I. Lect.                                                 | T. Th. 11-12                                      | 705 P.            | 414 W. 120                                        |
| Egbert, J. C. Prof. and Dir. S. S.,<br>Ext. T., Sch. Business † | M.-F. 11-12                                       | 301 U.<br>P. & S. | 425 W. 146                                        |
| Eggstein, A. A. Assoc. †                                        |                                                   |                   |                                                   |
| Egleston, Lillian Asst. to Dean<br>of Barnard                   | T. W. F.                                          | 141 B.            | Elizabeth, N. J.                                  |
| Eliot, E., Jr. Prof. †                                          | (Absent on leave)                                 | P. & S.           | 34 E. 67                                          |
| Elliott, E. S. Asst. Prof. †                                    | Daily 3-6                                         | Gym.              | Faculty Club                                      |
| Elliott, G. R. Asst. Prof.                                      |                                                   | P. & S.           | 40 E. 41                                          |
| Elwyn, A. Assoc.                                                |                                                   | P. & S.           | 520 W. 124                                        |
| Ely, Mary L., Asst.                                             |                                                   |                   | 48 Charles                                        |
| Endicott, Mrs. Ellinor T. B.<br>Ext. T.                         |                                                   |                   | 404 W. 115                                        |
| Engelhardt, N. L. Asst. Prof. †                                 | M. T. 3-4                                         | 217 T.            | 531 W. 124                                        |
| Ennis, W. D. Acting Prof. †                                     | M.-F. 9-4:30;<br>S. 9-12                          | 410 E.            | Elston Rd.,<br>Montclair, N. J.                   |
| Eppendorff, Lina, Special<br>Instr.                             |                                                   | T.                | 416 W. 122                                        |
| Epstein, E. Asst.                                               |                                                   | P. & S.           | 437 W. 59                                         |
| Erb, F. C. Supervisor in Library                                | Daily 9-12                                        | 105 L.            | 520 W. 123                                        |
| Erb, F. W. Supervisor in Library                                | Daily 10-12                                       | L.                | 520 W. 123                                        |
| Erdman, S. Instr. †                                             |                                                   | P. & S.           | 115 E. 80                                         |
| Ersline, J. Prof. †                                             | (Absent on leave)                                 |                   | 609 W. 115                                        |
| Ettleson, J. Clin. Asst.                                        |                                                   | V. C.             |                                                   |
| Evans, E. M. Prof. †                                            |                                                   | P. & S.           | 550 Park ave.                                     |
| Evans, Mary, Special Instr.                                     |                                                   | T.                | 35 Claremont ave.                                 |
| Evenden, E. S. Assoc. †                                         |                                                   | T.                | 547 W. 123                                        |
| Fackenthal, F. D.<br>Secretary of the University                | Daily 9-5                                         | 213 L.            | 930 St. Mark's ave.,<br>Bklyn., and<br>407 W. 117 |
| Fales, H. A. Instr.                                             | M. W. F. 10-12                                    | 507 Hv.           | 711 W. 180                                        |
| Fales, Jane, Asst. Prof.                                        | T. W. 2-4<br>(Absent on leave,<br>Spring Session) | 308 H. A.         | 622 W. 113                                        |
| Falkenhausen, Margaret<br>Secy. L. S.                           |                                                   | L. S.             | 646 Park ave.                                     |
| Famulener, L. W. Assoc. †                                       |                                                   | C. R. L.          | 717 W. 177                                        |
| Fansler, D. S. Asst. Prof. †                                    | (Absent on leave)                                 |                   | 780 Riverside dr.                                 |
| Farnham, C. Evangeline Lect.                                    | M. F. 10-10:30                                    | 112 B.            | 439 W. 123                                        |
| Farnsworth, C. H. Assoc. Prof. †                                | T. 10-11; F. 2:10-3                               | 6 T.              | 70 Morningside dr.                                |
| Farrell, B. P. Instr. †                                         |                                                   | P. & S.           | 104 E. 40                                         |
| Farrell, Elizabeth E. Lect.                                     |                                                   | T.                | 265 Henry                                         |
| Farrington, Kathryn Secy. Bur.<br>of Publications T. C.         |                                                   | 234 Macy          | 449-3d, Bklyn.                                    |
| Farwell, H. W. Asst. Prof. †                                    | Daily 1:45-2                                      | 603 F.            | 130 Woodridge pl.<br>Leonia, N. J.                |
| Favorini, A. Clin. Asst.                                        |                                                   | V. C.             | 27 MacDougal                                      |
| Felberbaum, D. Asst.                                            |                                                   | P. & S.           | 561 W. 163                                        |
| Feldman, M. Clin. Asst.                                         |                                                   | V. C.             | 1 W. 83                                           |
| Feraru, L. Instr. †                                             | M. W. 4-5                                         | 508 Hm.           | 285 Haven ave.                                    |

| Name                                                | Office Hours                | Office    | Residence                                           |
|-----------------------------------------------------|-----------------------------|-----------|-----------------------------------------------------|
| Ferguson, L. H. Instr.                              |                             | P. & S.   | 41 E. 70                                            |
| Ferguson, W. Instr. †                               |                             | P. & S.   | 40 E. 41                                            |
| Finch, J. K. Assoc. Prof. †                         | Daily 9:30-10               | 409 E.    | 126 Claremont ave.                                  |
| Finley, C. W. Tr. †                                 |                             | L. S.     | 32 Prospect dr.<br>Yonkers                          |
| Fischer, C. A. Instr. †                             | Daily 10:40-11              | 210 Hm.   | Larch ave.,<br>Bogota, N. J.                        |
| Fisher, G. F. Ret. Bursar                           |                             |           |                                                     |
| Fisher, H. L. Instr. †                              |                             | 401 Hv.   | 130 Claremont ave.                                  |
| Fisher, Katharine A. Instr.                         | M. W. F. 9-10;<br>T. 3:10-4 | 56 H. A.  | 501 W. 120<br>403 W. 115                            |
| Fisher, Lizette A. Asst.                            |                             |           |                                                     |
| Fiske, T. S. Prof. †                                | Daily 9-9:30                | 206 Hm.   | 508 W. 114                                          |
| Fite, Wm. B. Prof. †                                |                             | 201 Hm.   | 411 W. 114                                          |
| Flagg, P. J. Instr. †                               |                             | P. & S.   | 400 W. 160                                          |
| Flanigan, J. R. Clin. Asst.                         |                             | V. C.     | Syracuse                                            |
| Fletcher, J. B. Prof. †                             | (Absent on leave)           |           | 112 E. 22                                           |
| Foerster, H. Clin. Asst.                            |                             | V. C.     | Milwaukee, Wis.                                     |
| Fordyce, J. A. Prof. †                              |                             | P. & S.   | 8 W. 77                                             |
| Fosbroke, Rev. H. E. W.<br>Dean Gen. Theo. Sem.     |                             | G. T. S.  | 1 Chelsea sq.                                       |
| Fowlkes, J. G. Tr. †                                |                             | L. S.     | 414 W. 121                                          |
| Fox, D. R. Instr. †                                 | M. W. F. 3                  | 714 Hm.   | 526 W. 150                                          |
| Frame, Elsa L. Instr.                               | Th. 1-2                     | 214 H. A. | Whittier                                            |
| Francis, Charlotte A. Instr.                        | M. 1-2                      | 405 T.    | 417 W. 118                                          |
| Frank, R. T. Assoc.                                 | (Absent on leave)           | C. R. L.  | 61 E. 82                                            |
| Franklin, Mrs. Fabian Lect.                         |                             |           | 617 W. 113                                          |
| Freas, Thos. B. Assoc. Prof. †                      | M.-F. 9-12; S. 9-1          | 700 Hv.   | Hillcrest and Lake-<br>view aves., Leonia,<br>N. J. |
| Freeman, A. Instr.                                  |                             | P. & S.   | 975 Lexington ave.                                  |
| Freeland, Daisy T. Tr.                              |                             | H. M. S.  | 420 W. 119                                          |
| Fretwell, E. K. Assoc.                              | T. Th. 10-11                | 229 T.    | 114 Morningside dr.                                 |
| Freudenfall, B. Clin. Asst.                         |                             | V. C.     | 24 E. 48                                            |
| Frieder, W. Clin. Asst.                             |                             | V. C.     | 80 St. Nicholas ave.                                |
| Friedman, G. A. Clin. Asst.                         |                             | V. C.     | 1200 Madison ave.                                   |
| Friedson, M. Clin. Asst.                            |                             | V. C.     | 103 E. 10                                           |
| Frissell, L. F. Asst. Prof. †                       | (Absent on leave)           | P. & S.   | 113 E. 56                                           |
| Frost, Helen Instr.                                 | M. W. 11                    | 451 Th.   | 306 W. 102                                          |
| Frothingham, R. Asst. Prof. †                       |                             | P. & S.   | 616 Madison ave                                     |
| Fry, Emma S. Ext. T.                                |                             |           | 101 Clark, Bklyn.                                   |
| Fulkerson, L. L. Clin. Asst.                        |                             | V. C.     | 447 Ft. Washington<br>ave.                          |
| Gallaudet, B. B. Asst. Prof. †                      |                             | P. & S.   | 105 E. 19                                           |
| Gallimore, Madge L. Secy. to<br>Dir. Sch. Education | M.-F. 9-5; S. 9-12          | 107 T.    | 419 W. 121                                          |
| Galloway, J. J. Instr. †                            | T. Th. 1-2                  | 101 S.    | 449 W. 123                                          |
| Gambrill, J. M. Asst. Prof. †                       | M. W. 3-4                   | 416 T.    | 548 Riverside dr.                                   |
| Gannett, Anna J. Tr.                                |                             | L. S.     | Furnald                                             |
| Gardner, G. W. Instr.                               |                             | P. & S.   | 184 Joralemon,<br>Bklyn.                            |

# D I R E C T O R Y   O F   O F F I C E R S

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| Name                                                                      | Office Hours        | Office      | Residence                                   |
|---------------------------------------------------------------------------|---------------------|-------------|---------------------------------------------|
| Garnier, H. K. Lect.                                                      | Daily 9-12          | 705 P.      | Livingston                                  |
| Garrison, Charlotte G. Instr. and<br>Principal of H. M. Kinder-<br>garten | F. 2                | 110 T.      | 435 W. 123                                  |
| Garside, Margaret Tr.                                                     |                     | H. M. S.    | 321 W. 100                                  |
| Gates, A. I. Instr.                                                       | M. W. 9-11          | 329 Macy    | Livingston                                  |
| Geer, Helena Lect.                                                        | M. F. 11-12         | 217 Milb.   | 70 Morningside dr.                          |
| Gellert, S. Clin. Asst.                                                   |                     | V. C.       | 748 E. 6                                    |
| Gerig, J. L. Assoc. Prof. †                                               | M. W. F. 2-3        | 506 P.      | 421 W. 114                                  |
| Gerow, C. D. Tr. †                                                        |                     | H. M. B. S. | Riverdale near 252                          |
| Geyelin, H. R. Assoc. †                                                   |                     | P. & S.     | 116 E. 63                                   |
| Giddings, F. H. Prof. †                                                   | M. W. F. 10:30      | 504 K.      | 314 W. 103                                  |
| Gies, W. J. Prof. †                                                       |                     | P. & S.     | 609 W. 115                                  |
| Gifford, R. W. Prof. †                                                    | M. T. 10-11         | 410 K.      | 23 Ridgeview ave.,<br>White Plains          |
| Gildersleeve, Virginia C.                                                 | M. Th. 10:30-11:30; |             |                                             |
| Prof. and Dean of Barnard Coll.                                           | W. F. 10:30-12      | B.          | 404 Riverside dr.                           |
| Giliberti, V. Clin. Asst.                                                 |                     | V. C.       | 11 Charlton                                 |
| Gillett, H. W. Prof.                                                      |                     | P. & S.     | 140 W. 57                                   |
| Gillmore, Mary B. Tr.                                                     |                     | H. M. S.    | 419 W. 118                                  |
| Ginsburg, Jekuthial Asst.                                                 | Daily 9-11; 1-4     | 208 Hm.     | 120 W. 114                                  |
| Githens, A. M. Ext. T.                                                    |                     |             | 52 Vanderbilt ave.                          |
| Gitlow, S. Asst.                                                          |                     | P. & S.     | 830 Beck                                    |
| Glasgow, B. Clin. Asst.                                                   |                     | V. C.       | 315 E. 6                                    |
| Glenn, E. R. Tr. †                                                        |                     | L. S.       | 118 Saratoga ave.,<br>Yonkers               |
| Glenn, G. Assoc. Prof. †                                                  |                     |             | 170 W. 73                                   |
| Glogau, O. Clin. Asst.                                                    |                     | V. C.       | 64 E. 91                                    |
| Glucksmann, Vanessa Asst.                                                 |                     | 254 Th.     | 308 W. 97                                   |
| Gminder, Elizabeth Tr.                                                    |                     | L. S.       | 340 W. 85                                   |
| Gober, W. D. Clin. Asst.                                                  |                     | V. C.       | 498 W. 136                                  |
| Goddard, P. E. Lect. †                                                    |                     | Am. Mus.    | 335 Moore ave.,<br>Nat. Hist. Leonia, N. J. |
| Godoy, J. F. Ext. T. †                                                    |                     |             | 206 W. 86                                   |
| Goetze, F. A. Comptroller †                                               |                     | 110 L.      | 455 W. 141                                  |
| Goldenweiser, A. Lect. †                                                  | M. W. 10-12         | 704 J.      | 550 Riverside dr.                           |
| Goldstein, M. W. Asst.                                                    |                     | P. & S.     | Montefiore Home,<br>Gun Hill rd.            |
| Good, F. F. Instr. †                                                      | M.-Th. 12-1         | 409 T.      | Edgewater, N. J.                            |
| Goodale, Grace H. Instr.                                                  | M. 10-11; F. 2-3    | 331 B.      | 510 W. 123                                  |
| Goodall, J. B. Clin Asst.                                                 | (Absent on leave)   | V. C.       |                                             |
| Goodhart, S. P. Asst. Prof.                                               |                     | P. & S.     | 133 W. 72                                   |
| Goodman, A. L. Instr.                                                     |                     | P. & S.     | 136 W. 87                                   |
| Goodrich, Annie W. Asst. Prof.                                            | (Absent on leave)   |             | 509 W. 121                                  |
| Goodsell, Willystine Asst. Prof.                                          | T. Th. 9-10         | 321 T.      | 106 Morningside dr.                         |
| Gordon, D. Instr. †                                                       |                     | P. & S.     | 27 E. 62                                    |
| Gordon, P. Ext. T.                                                        |                     |             | 158 Bergen,<br>Newark, N. J.                |
| Gottheil, R. J. H. Prof. †                                                | F. 3-4              | 405 P.      | 417 Riverside dr.                           |
| Gould, Mrs. Louis W. Ext. T.                                              |                     |             | 154 E. 40                                   |
| Grabau, A. W. Prof. †                                                     | (Absent on leave)   |             | Hartsdale                                   |

| Name                                       | Office Hours                                                    | Office                 | Residence                           |
|--------------------------------------------|-----------------------------------------------------------------|------------------------|-------------------------------------|
| Grady, J. T. Asst. Prof. †                 | Daily 9-12; 3-6                                                 | 501 J.                 | 100 Morningside dr.                 |
| Granet, A. Instr. †                        |                                                                 | P. & S.                | 65 E. 2                             |
| Grant, E. J. Asst. Registrar †             | M.-F. 9-5; S. 9-12                                              | 315 U.                 | 34 Post ave.                        |
| Graper, E. D. Instr. †                     | M. W. 9-10                                                      | 715 Hm.                | 510 W. 123                          |
| Gravelle, F. W. Instr. and Asst.           |                                                                 | P. & S.                | 140 W. 76                           |
| Green, N. W. Instr. †                      |                                                                 | P. & S.                | 152 W. 57                           |
| Greenberg, L. Clin. Asst.                  |                                                                 | V. C.                  | 4516 Twelfth ave.,<br>Bklyn.        |
| Gregory, J. C. Ext. T.                     |                                                                 |                        | Gen'l Delivery,<br>Washington, D.C. |
| Gregory, Louise H. Asst. Prof.             | W. 11-12                                                        | 409 B.                 | 90 Morningside dr.                  |
| Gregory, Lucy Instr.                       | M. W. F. 10-11                                                  | B.                     | 99 Claremont ave.                   |
| Gregory, W. K. Asst. Prof. †               |                                                                 | Am. Mus.<br>Nat. Hist. | 20 W. 82                            |
| Greve, Harriet C.<br>Asst. Dir. Furnald    |                                                                 | Furnald                | Furnald                             |
| Griffiths, Mary R. M. Asst.                | M. 1-2; W. 1-3                                                  | 338 B.                 | 312 Haven ave.                      |
| Griggs, Mary A. Director Fur-<br>nald Hall | Daily 8:30-9                                                    | Furnald                | Furnald Hall                        |
| Gross, J. H. Tr. †                         |                                                                 | H. M. B. S.            | 561 W. 180                          |
| Grove, C. C. Asst. Prof. †                 | (Absent on leave)                                               |                        | 3129 Bway.                          |
| Guernsey, R. Asst. Prof. †                 | M. W. 3:30-4                                                    | 515 Hm.                | 368 Grand ave.,<br>Leonia, N. J.    |
| Guggenheim, R. M. Ext. T.                  |                                                                 |                        | 33 E. 88                            |
| Gunn, Mrs. Lillian M. Instr.               | M. 1-2                                                          | 214 H. A.              | 407 W. 123                          |
| Gunther, Emma H. Asst. Prof.               | M. T. W. 8:45-9;<br>T. 11-12, 1:30-2;<br>Th. 10-11              | 111 H. A.              | 509 W. 121                          |
| Guthrie, W. D. Prof. †                     |                                                                 | 44 Wall                | 28 Park ave.                        |
| Guy, W. H. Clin. Asst.                     |                                                                 | V. C.                  |                                     |
| Haeseler, P. C. Instr. †                   | W. 10-12                                                        | 609 Hv.                | 101 W. 109                          |
| Haffner, Georgia, Instr.                   | M. W. 11-11:15                                                  | B.                     | 537 W. 121                          |
| Haig, R. M. Asst. Prof. †                  | T. Th. 3-4                                                      | 504 J.                 | 741 Ft. Washington<br>ave.          |
| Hale, H. E. Assoc. †                       |                                                                 | P. & S.                | 64 W. 50                            |
| Hale, R. L. Instr. †                       | M. W. F. 11-12                                                  | 708 Hm.                | 178 E. 70                           |
| Hall, E. J. Asst. Prof. †                  |                                                                 | 602 M.                 | 78 Park ave., Pas-<br>saic, N. J.   |
| Hall, Maude M. Asst.                       | M. W. F. 11-12                                                  | 322 T.                 | Furnald                             |
| Hall, W. H. Prof. †                        |                                                                 | East                   | 49 Claremont ave.                   |
| Hallam, J. B. Asst.                        |                                                                 | P. & S.                | 233 E. 100                          |
| Haller, Wm. Instr. †                       | T. F. 1:10-3                                                    | 136 B.                 | 515 W. 111                          |
| Halliday, E. M. Ext. T.                    |                                                                 |                        | 1058 E. 21, Bklyn.                  |
| Hallock, Mrs. Frances V. Asst.             | T. Th. 3                                                        | 213 T.                 | 188 Hancock, Bklyn.                 |
| Halpern, B. Clin. Asst.                    |                                                                 | V. C.                  | Elmhurst, L. I.                     |
| Hamilton, B. W. Asst.                      |                                                                 | P. & S.                | 250 W. 75                           |
| Hamilton, C. M. Ext. T.                    |                                                                 |                        | 16 Gramercy pk.                     |
| Hamlin, A. D. F. Prof. †                   | M. F. 2-3; W. 11-<br>12; (Absent on<br>leave Winter<br>Session) | 503 A.                 | 105 Morningside<br>ave.             |



| Name                                                           | Office Hours                           | Office             | Residence                                   |
|----------------------------------------------------------------|----------------------------------------|--------------------|---------------------------------------------|
| Hamlin, T. F. Ext. T.                                          |                                        |                    | 68 W. 107                                   |
| Hammel, E. F. Ext. T.                                          |                                        |                    | 2686 Briggs ave.                            |
| Hanford, J. M. Instr. †                                        |                                        | P. & S.            | 55 E. 65                                    |
| Hansen, C. Clin. Asst.                                         | (Absent on leave)                      | V. C.              |                                             |
| Harloe, R. F. Ext. T.                                          |                                        |                    | L. I. College Hos-<br>pital                 |
| Harlow, E. Clin. Asst.                                         |                                        | V. C.              | 325 W. 86                                   |
| Harned, W. E. Ext. T.                                          |                                        | J.                 | 875 W. 181                                  |
| Harper, R. A. Prof. †                                          | T. Th. 11                              | 503 S.             | 417 Riverside dr.                           |
| Harriman, C. A. Asst. Prof. †                                  |                                        |                    | 417 W. 114                                  |
| Harrington, T. H. Asst. Prof.                                  | Daily 3-4                              | 406 E.             | Scarsdale                                   |
| Harrison, E. S. Ext. T.                                        |                                        |                    | Commercial H. S.,<br>Bklyn.                 |
| Harrison, Gail Tr.                                             |                                        | L. S.              | 501 W. 120                                  |
| Harrow, B. Assoc. †                                            |                                        | P. & S.            | 120 Haven ave.                              |
| Hart, Fanchon Instr.                                           |                                        | Phar.              | 508 W. 180                                  |
| Hart, T. S. Asst. Prof. †                                      |                                        | P. & S.            | 160 W. 59                                   |
| Harvey, S. W. Tr.                                              |                                        | H. M. B. S.        | 534 1/2 Van Cortlandt<br>Park ave., Yonkers |
| Harvitt, Hélène J. Instr.                                      | By appointment                         | 331 Macy           | 192 Hooper, Bklyn.                          |
| Hatch, R. W. Tr. †                                             |                                        | H. M. S.           | 2A Beech ter.,<br>Yonkers                   |
| Hawkes, H. E. Prof. and Dean<br>C. C. †                        | Daily 10-12                            | 208 Hm.            | 415 W. 117                                  |
| Hawkinson, Nellie X. Asst.                                     |                                        | T.                 | 620 W. 122                                  |
| Hawks, E. M. Asst. †                                           |                                        | P. & S.            | 153 W. 95                                   |
| Hayden, P. M. Asst. to the<br>Secretary                        | Daily 9-5<br>(Absent on leave)         | 213 L.             | 430 W. 119                                  |
| Hayes, C. J. H. Assoc. Prof.                                   |                                        |                    | 430 W. 118                                  |
| Hayes, Katherine A. Asst.<br>Appt. Com., T. C.                 | M.-S. 10-12; M.-F. 114<br>3-4          | T.                 | Furnald                                     |
| Haynes, R. S. Assoc. †                                         | (Absent on leave)                      | P. & S.            | 140 W. 58                                   |
| Hayt, Edw. K. Asst. Registrar<br>and Asst. Bursar at Med. Sch. | Daily 9:30-5:30                        | P. & S.            | 206 W. 130                                  |
| Hazen, C. D. Prof. †                                           | T. Th. 2:30-3                          | 602 K.             | 42 E. 75                                    |
| Hazen, T. E. Asst. Prof.                                       | T. Th. 11                              | 320 B.             | Livingston                                  |
| Hederich, F. Tr. †                                             |                                        | H. M. B. S.        | 448 Central Pk. W.                          |
| Heft, Hattie L. Instr.                                         | W. 10-12; F. 9-10<br>(Absent on leave) | 403 H. A.          | 418 W. 118                                  |
| Hehre, F. W. Asst. Prof.                                       |                                        |                    | 105 Manhattan ave.                          |
| Heimann, W. J. Clin. Asst.                                     |                                        | V. C.              | 108 W. 87                                   |
| Heinzelmann, P. Tr. †                                          |                                        | H. M. B. S.        | 26 Loudoun,<br>Yonkers                      |
| Hennes, Marie Tr.                                              |                                        | H. M. S.           | 501 W. 120                                  |
| Hepburn, Dollie B. Supervisor<br>Accessions Dept. Library      | M.-F. 9-5                              | 102 L.             | 1 Prospect ter.,<br>E. Orange, N. J.        |
| Herr, L. A. Tr.                                                |                                        | L. S.              | 500 W. 122                                  |
| Herreshoff, Anna F. Clerk on<br>Admissions T. C.               |                                        | 106 T.             | 253 W. 256                                  |
| Herrmann, A. E. Asst.                                          |                                        | P. & S.            | 41 E. 70                                    |
| Heuser, F. W. J. Asst. Prof. †                                 | M. F. 11;<br>W. 3                      | 404 Hm.;<br>510 P. | 239 S. Fifth ave.,<br>Mt. Vernon            |

| Name                                  | Office Hours                     | Office       | Residence                        |
|---------------------------------------|----------------------------------|--------------|----------------------------------|
| Hewitt, J. V. Assoc. †                |                                  | K.           | 41 Ingram, Forest Hills, L. I.   |
| Hibbs, R. A. Prof. †                  |                                  | P. & S.      | 130 E. 36                        |
| Hicks, F. C. Law Lib'n †              |                                  | K.           | 530 W. 123                       |
| Hildreth, W. Instr.                   |                                  | P. & S.      | 131 E. 67                        |
| Hill, Jessica M. Instr.               | W. F. 10-11                      | 323 T.       | 620 W. 116                       |
| Hill, L. D. Instr. †                  | Daily 9-10                       | Hunter Coll. | 158 Cottage ave., Mt. Vernon     |
| Hill, Patty S. Assoc. Prof.           | M. F. 11; W. 3                   | 112 T.       | 620 W. 116                       |
| Hinsdale, R. S. Clin. Asst.           |                                  | V. C.        |                                  |
| Hirst, Gertrude M. Asst. Prof.        | (Absent on Leave Spring Session) | 212 B.       | Furnald                          |
| Hirth, F. Ret. Prof.                  |                                  |              | 401 W. 118                       |
| Hitti, P. K. Lect. †                  |                                  | 404 P.       | 445 W. 124                       |
| Hobbie, J. R. Instr. †                |                                  | N. Y. U.     | 60 W. 181                        |
| Hodge, R. M. Ext. T. †                |                                  |              | 552 W. 113                       |
| Hoke, Calm M. Asst.                   | M. W. F. 11-12;<br>1-6           | 609 Hv.      | Palisade, N. J.                  |
| Holcomb, A. E. Ext. T.                |                                  |              | 195 Broadway                     |
| Holden, W. A. Prof.                   |                                  | P. & S.      | 8 E. 54                          |
| Hollingworth, Harry L. Assoc. Prof. † | (Absent on leave)                |              | 417 W. 118                       |
| Hollingworth, Mrs. Leta S. Instr.     | M. 3:10-4;<br>W. 10-11           | 336 Macy     | 417 W. 118                       |
| Hollis, A. W. Prof. †                 |                                  | P. & S.      | 40 W. 71                         |
| Holm, G. T. Instr. †                  | Daily 10-10:30                   | 52 Th.       | 36 Hudson ave., Edgewater, N. J. |
| Holmes, Margaret H. Asst.             |                                  | H. M. S.     | 523 W. 121                       |
| Holmes, Mildred W., Librarian         |                                  | H. M. B. S.  | 417 W. 118                       |
| Holt, L. E. Prof. †                   |                                  | P. & S.      | 14 W. 55                         |
| Holz, Margaret B. Tr.                 |                                  | L. S.        | 2783 Bway.                       |
| Holzhauser, C. W. Sec. Coll. Phar.    |                                  | Phar.        |                                  |
| Holzwasser, Florrie Lect.             | M. 10-11                         | 214 B.       | 310 W. 97                        |
| Honeywell, Hannah E. Asst.            |                                  | 402 T.       | 424 W. 119                       |
| Hooker, B. Ext. T.                    |                                  |              | 16 Gramercy pk.                  |
| Horton, W. S. S. Asst.                |                                  | P. & S.      | Oceanside, L. I.                 |
| Hosford, Jean Tr.                     |                                  | L. S.        | 419 W. 119                       |
| Hoshino, A. Ext. T.                   |                                  |              | 523 W. 121                       |
| Hostmann, J. Assoc. Prof. †           |                                  | Phar.        | 1208 Hudson, Hoboken, N. J.      |
| Hotchkiss, Caroline W. Tr.            |                                  | H. M. S.     | 502 W. 113                       |
| Hotchkiss, L. W. Prof. †              |                                  | P. & S.      | 59 W. 48                         |
| House, Florence E. Asst.              |                                  | 119 Macy     | 110 Morningside dr.              |
| Howard, C. A. Ext. T.                 |                                  |              | 111 Bway.                        |
| Howard, Clare M. Instr.               | M. W. 10                         | 138 B.       | 600 W. 115                       |
| Howe, H. M. Emer. Prof. †             |                                  |              | 1105 16th, Washington, D. C.     |
| Howe, H. S. Instr.                    |                                  | P. & S.      | 131 E. 67                        |
| Howson, R. Asst. Lib'n †              | (Absent on leave)                |              | 411 W. 114                       |
| Hoyt, R. Instr.                       |                                  | P. & S.      | 241 W. 71                        |

| Name                                                 | Office Hours            | Office    | Residence                           |
|------------------------------------------------------|-------------------------|-----------|-------------------------------------|
| Hubbard, Grace A. Assoc. Prof.                       |                         | B.        | 612 W. 112                          |
| Hubbart, Mrs. Mary E. Ext. T.                        |                         |           | Bellerose, L. I.                    |
| Hubbart, G. R. Lect. †                               |                         |           | Bellerose, L. I.                    |
| Huber, F. Prof.                                      |                         | P. & S.   | 209 E. 17                           |
| Hudelson, E. Asst.†                                  | T. Th. 10-10:30         | 320 T.    | 247 Hillside ave.,<br>Leonia, N. J. |
| Hudson, Lillian A. Instr.                            | M.F. 11-12; W. 3-4      | 106 H. A. | 509 W. 122                          |
| Huettner, A. F. Asst.                                | T. W. F. S. 1-2         | 602 S.    | Jones rd., W. Ft.<br>Lee, N. J.     |
| Hughes, C. C. Ext. T.                                | W. 3-4                  | J.        | Grantwood, N. J.                    |
| Hughes, J. F. Ext. T.                                |                         |           | 120 Bway.                           |
| Hull, Helen R. Ext. T.                               |                         |           | 509 W. 121                          |
| Hulton-Frankel, Mrs. Florence<br>Instr. †            |                         |           |                                     |
| Hunt, C. W. Instr. and Vice-<br>Principal H. M. S. † | M. Th. 1:30-2           | H. M. S.  | 531 W. 124                          |
| Hunt, E. L. Asst. Prof. †                            |                         | P. & S.   | 41 E. 63                            |
| Hunt, Mary L. Research Asst.                         | M. T. W. F. 4:30-5      | 613 P.    | 420 W. 121                          |
| Huntington, A. H. Tr.†                               |                         | L. S.     | 519 W. 123                          |
| Huntington, G. S. Prof. †                            |                         | P. & S.   | 116 E. 63                           |
| Hurwitz, W. C. Clin. Asst.                           |                         | V. C.     |                                     |
| Hutchinson, Emilie J. Lect.                          | M. 2-2:30;<br>W. 1-1:30 | 308 B.    | 520 E. 77                           |
| Hutchinson, Mary E. Prin. Tr.<br>Sch. Sloane Hosp.   |                         |           | 447 W. 59                           |
| Huttman, Maude A. Asst. Prof.                        | M. W. 2-2.30            | 337 B.    | 321 W. 76                           |
| Hyams, J. A. Instr.                                  | (Absent on leave)       | P. & S.   | 409 E 118                           |
| Imbert, L. Instr. †                                  | (Absent on leave)       | Hm.       | 527 W. 124                          |
| Imboden, H. M. Assoc. †                              |                         | P. & S.   | 480 Park ave.                       |
| Inks, Edith Asst.                                    |                         | H. M. S.  | 417 W. 120                          |
| Itami, S. Asst.                                      |                         | C. R. L.  | 1145 Amsterdam<br>ave.              |
| Jackson, A. V. W. Prof. †                            | (Absent on leave)       | 401 P.    | 668 Riverside dr.                   |
| Jackson, D. D. Prof. †                               | Daily 10-11             | 305 Hv.   | 930 President,<br>Bklyn.            |
| Jacobi, A. Emer. Prof.                               |                         |           | 19 E. 47                            |
| Jacobus, A. M. Clin. Asst.                           |                         | V. C.     | 131 W. 70                           |
| Jacoby, H. Prof. †                                   |                         |           | 39 Claremont ave.                   |
| Jaeger, C. H. Asst. Prof. †                          |                         | P. & S.   | 471 Park ave.                       |
| Jagle, Elizabeth C. Instr.                           |                         | P. & S.   | 8 W. 77                             |
| Janvrin, E. R. P. Instr.                             |                         | P. & S.   | 515 Park ave.                       |
| Jessup, D. S. D. Instr. †                            |                         | P. & S.   | 601 W. 113                          |
| Jobling, J. W. Prof.                                 |                         | P. & S.   | 454 Ft. Washington<br>ave.          |
| Johann, Norma E. Asst.                               |                         | 505 Hv.   | 3774 Park ave.                      |
| John, G. H. Jr. Instr.                               |                         | 410 E.    | 2702 Bainbridge ave.                |
| Johnson, D. W. Assoc. Prof. †                        | T. Th. F. 4:30-5        | 404 S.    | 99 Claremont ave.                   |
| Johnson, H. Prof. †                                  | M. W. 5                 | 416 T.    | 521 W. 112                          |
| Johnson, Susan Lect.                                 |                         | T.        | 6 W. 87                             |
| Johnson, W. C. Instr.                                |                         | P. & S.   | 25 Tulip                            |

| Name                                                     | Office Hours                                  | Office            | Residence                                |
|----------------------------------------------------------|-----------------------------------------------|-------------------|------------------------------------------|
| Jones, A. L. Assoc. Prof. and<br>Dir. Univ. Admissions † | M. W. Th. F. S.<br>11-12; M. W.<br>Th. F. 2-4 | 321 U.            | 77 S. Mountain ave.,<br>Montclair, N. J. |
| Jones, F. W. Ext. T.                                     |                                               |                   |                                          |
| Jones, R. F. Instr. †                                    | Daily 9-10; 11-12                             | 606 Hm.           | 390 West End ave.                        |
| Jordan, A. M. Ext. T.                                    |                                               |                   | 502 W. 122                               |
| Julien, A. A. Ret. Curator                               |                                               |                   | So. Harwich, Mass.                       |
| Kains, M. G. Ext. T. †                                   |                                               |                   | 34 N. Bayliss ave.,<br>Pt. Washington    |
| Kalenderian, V. H. Ext. T.                               |                                               |                   | 404 W. 116                               |
| Kammerer, F. Prof. †                                     |                                               | P. & S.           | 51 E. 66                                 |
| Kandel, I. L. Assoc.†                                    | T. Th. 4-5                                    | 314 T.            | 405 W. 118                               |
| Kantor, J. L. Clin. Asst.                                |                                               | V. C.             | 44 W. 96                                 |
| Karshan, M. Instr.                                       |                                               | P. & S.           |                                          |
| Kasner, E. Prof.                                         | W. F. 11:50                                   | 309 B.            | 22 E. 119                                |
| Katz, E. Clin. Asst.                                     |                                               | V. C.             |                                          |
| Kauffmann, J. W. Clin. Asst.                             |                                               | V. C.             |                                          |
| Kaufmann, J. Prof.                                       |                                               | P. & S.           | 52 E. 58                                 |
| Kavaler, M. Clin. Asst.                                  |                                               | V. C.             | 687 Fox, Bronx                           |
| Keller, Eleanor Asst. Prof.                              |                                               | B.                | 1190 Madison ave.                        |
| Keller, F. R. Instr.                                     |                                               | E.                |                                          |
| Keller, Helen R. Ext. T.                                 | M. W. F. 11:30-12                             | 301 U.            | 618 W. 114                               |
| Kelly, T. F. Clin. Asst.                                 |                                               | V. C.             | 162 W. 93                                |
| Kelley, T. L. Asst. Prof. †                              |                                               | T.                | 510 W. 123                               |
| Kemp, J. F. Ret. Prof. †                                 |                                               |                   | 640 Riverside dr.                        |
| Kemp, M. Asst.                                           |                                               | P. & S.           | 149 Manhattan ave.                       |
| Kemper, Suzanne, Asst.                                   |                                               | Phar.             | 347 W. 57                                |
| Kendall, J. Assoc. Prof. †                               | (Absent on leave)                             |                   | 250 Riverside dr.                        |
| Kendrick, B. B. Asst. Prof. †                            | T. F. 10-11                                   | 706 Hm.           | 205 Puritan ave.,<br>Forest Hills        |
| Kennedy, E. T. Instr.                                    | (Absent on leave)                             |                   | 610 W. 147                               |
| Keppel, F. P. †                                          |                                               |                   | War Dept., Wash-<br>ington, D. C.        |
| Kern, E. F. Asst. Prof. †                                | T. Th. 10-11;<br>W. F. 10-12                  |                   |                                          |
| Kernan, J. D. Jr. Instr. †                               |                                               | 404 M.            | 2731 Bway.                               |
| Kester, R. B. Instr.                                     | T. Th. 8:30-9                                 | P. & S.<br>505 J. | 156 E. 79<br>457 W. 123                  |
| Keyes, H. B. Lect. and Asst.<br>Phys. H. M. S. †         |                                               | 161 Th.           | 603 W. 111                               |
| Keyser, C. J. Prof. †                                    | M. W. F. 10:30                                | 401 East          | 440 Riverside dr.                        |
| Kiehl, S. J. Instr. †                                    | M.-F. 8-12; 1-5                               | 700 Hv.           | 503 W. 122                               |
| Kilpatrick, Mrs. Margaret P.<br>Asst. to Soc. Dir. T. C. | M.-F. 2-4:30                                  | 108 T.            | 106 Morningside dr.                      |
| Kilpatrick, Wm. H. Prof. †                               | T. Th. 10-11                                  | 314 T.            | 106 Morningside dr.                      |
| Kingsbury, J. L. Tr. †                                   |                                               | L. S.             | 43 Elinor pl. Yonkers                    |
| Kingsley, R. Instr.                                      |                                               | P. & S.           | 46 W. 83                                 |
| Kirchwey, Clara B. Tr.                                   |                                               | H. M. S.          | 195 Claremont ave.                       |
| Kirchwey, G. W. Ret. Prof. †                             |                                               |                   | 53 Underwood rd.,<br>Forest Hills        |
| Kirchwey, Mary F. Tr.                                    |                                               | H. M. S.          | 195 Claremont ave.                       |
| Kirkpatrick, T. B. Instr.                                |                                               | Gym.              | 429 W. 117                               |



| Name                                                    | Office Hours        | Office               | Residence                           |
|---------------------------------------------------------|---------------------|----------------------|-------------------------------------|
| Klasky, M. Clin. Asst.                                  |                     | V. C.                |                                     |
| Knapp, A. H. Prof. †                                    |                     | P. & S.              | 10 E. 54                            |
| Knapp, C. Prof. †                                       | M. 3-4; T. 4-4:30   | 331 B.               | 1737 Sedgwick ave.                  |
| Kneip, Helene Tr.                                       |                     | H. M. S.             | Furnald                             |
| Knopf, S. Clin. Asst.                                   |                     | V. C.                |                                     |
| Knox, Rev. R. C. Chaplain †                             | M.-F. 3-4:30        | E. H.                | 413 W. 117                          |
| Kobler, E. W. Instr.                                    |                     | P. & S.              | 171 W. 81                           |
| Koenig, Hedwig A. Asst.                                 |                     | B.                   |                                     |
| Kolb, L. Clin. Asst.                                    |                     | V. C.                | Ellis Island                        |
| Koopman, S. B. Ext. T.                                  |                     | 505 J.               | 116 Palisade ave.,<br>Leonie, N. J. |
| Kraft, W. J. Assoc. †                                   | T. 2; F. 11         | 5 T.                 | 201 N. Bway.,<br>Yonkers            |
| Krapp, G. P. Prof. †                                    | T. Th. S. 9-10      | 611 P.               | 351 W. 114                          |
| Krasnow, Frances Asst.                                  |                     | P. & S.              | 46 S. 9, Bklyn.                     |
| Krefeld, Wm. J. Asst.                                   | Daily               | 308 E.               | 74 W. 102                           |
| Kriehn, G. Ext. T.                                      |                     |                      | 821 W. 178                          |
| Kullman, K. Instr.                                      | M. T. Th. 1:10-4    | 609 Hv.              | 430 W. 118                          |
| Ladd-Franklin, Mrs. Christine<br>Lect.                  | T. Th. 2-3          | 513 A.               | 617 W. 113                          |
| LaFetra, L. E. Assoc. †                                 |                     | P. & S.              | 113 E. 61                           |
| La Ganke, Florence M. Instr.                            | W. 2:10;<br>W. 1:10 | 51 H. A.;            |                                     |
| Lamb, A. R. Assoc. †                                    |                     | 214 H. A.            | 507 W. 113                          |
| Lambert, A. V. S. Acting Prof. †                        |                     | P. & S.              | 171 E. 71                           |
| Lambert, C. I. Ext. T.                                  |                     | P. & S.              | 168 E. 71                           |
| Lambert, Emily G. Asst. to Bur-<br>sar of Barnard Coll. |                     | Bloom-<br>dale Hosp. | White Plains                        |
| Lambert, S. W. Prof. and Dean<br>of Med. School †       |                     |                      | 225 Rich ave., Mt.<br>Vernon        |
| Lamond, F. Instr.                                       |                     | P. & S.              | 130 E. 35                           |
| Lamson, K. W. Instr.                                    | M. W. F. 11:50      | T.                   | 16 W. 26                            |
| Land, G. A. Tr. †                                       |                     | 209 B.               | 81 Northern ave.                    |
| Langford, Grace Instr.                                  |                     | H. M. B. S.          | 515 W. 122                          |
| LaPorte, G. L. Asst. Prof.                              |                     | 232 B.               | 70 Morningside dr.                  |
| Larkin, J. H. Asst. Prof. †                             |                     | P. & S.              | 129 E. 91                           |
| Larson, Bird Instr.                                     | T. Th. 1-2          | P. & S.              | 498 W. 130                          |
| Larson, C. W. Asst. Prof. †                             | (Absent on leave)   | B.                   | 230 W. 105                          |
| Latham, Azubah J. Asst. Prof.                           | T. Th. 11-11:30     | 213 T.               | 537 W. 121                          |
| Latham, Helen Instr.                                    |                     | H. M. S.             | 537 W. 121                          |
| Latham, M. W. Instr.                                    | T. Th. 11-12        | 137 B.               | 509 W. 121                          |
| Lauber, J. Instr. †                                     | Before classes      | 504 A.               | 280 E. 162                          |
| LaVoy, DeForest Tr. †                                   |                     | H. M. B. S.          | 500 W. 144                          |
| Lawrence, Lillie M. Tr.                                 |                     | H. M. S.             | 414 W. 120                          |
| Lawrence, W. W. Prof.                                   | T. Th. 11-12        | 605 P.               | 618 W. 114                          |
| Leahy, S. R. Instr.                                     | (Absent on leave)   | P. & S.              | 151 Clinton, Bklyn.                 |
| Leavenworth, Mrs. Isabel F.<br>Asst.                    | W. 3-4              | 37 B.                | 114 E. 84                           |
| Leavy, I. M. Clin. Asst.                                |                     | V. C.                |                                     |
| Leber, O. H. Instr.                                     |                     | P. & S.              | 537 West End ave.                   |

| Name                                          | Office Hours               | Office   | Residence                                            |
|-----------------------------------------------|----------------------------|----------|------------------------------------------------------|
| LeDuc, Alma deL. Instr.                       | W. F. 11-11:30             | 112 B.   | Furnald                                              |
| Lee, Emma D. Lib'n Ap. Sci.<br>Library        |                            | 301 E.   | 514 W. 122                                           |
| Lee, F. S. Prof. †                            |                            | P. & S.  | 125 E. 65                                            |
| Leet, Dorothy F. Asst. to Sec.<br>of Barnard  |                            | B.       | 541 W. 149<br>Katonah, N. Y.                         |
| Lefferts, G. M. Emer. Prof. †                 |                            |          | Columbia                                             |
| Lehnerts, E. M. Lect. †                       | T. Th. 8-9                 | 416 T.   | 233 W. 83                                            |
| Lellman, W. O. L. Clin. Asst.                 |                            | V. C.    | 12 Landscape ave.,<br>Yonkers                        |
| Leonard, S. A. Tr. †                          |                            | L. S.    | 701 Madison ave.                                     |
| Leopold, J. S. Asst.                          |                            | P. & S.  | 423 Convent ave.                                     |
| Leshure, J. Instr. †                          |                            | P. & S.  | 400 W. 118                                           |
| Lesslie, Louie Tr.                            |                            | L. S.    | 35 Mt. Morris Pk.                                    |
| Lewi, Emily Asst.                             |                            | P. & S.  | 48 W. 40                                             |
| Lewis, R. Prof. †                             |                            | P. & S.  | 180 E. 64                                            |
| Libman, E. Prof.                              |                            | P. & S.  | 50 Central Pk. W.                                    |
| Lieb, C. C. Asst. Prof. †                     |                            | P. & S.  |                                                      |
| Liggett, Mrs. N. W. Bursar<br>Barnard Coll.   | M.-F. 10-12; 2-4           | B.       | 205 W. 89                                            |
| Lindsay, S. M. Prof. †                        | T. Th. 3-5                 | 507 K.   | 501 W. 120                                           |
| Lobeck, A. K. Instr. †                        |                            | 303 S.   | 17 Post ave.                                         |
| Lockhart, A. I. Tr. †                         |                            | H. M. S. | 16 Beverly pl.,<br>Edgewater, N. J.                  |
| Lockwood, G. R. Prof. †                       |                            | P. & S.  | 18 E. 52                                             |
| Lodge, G. Prof. †                             | M. 4-4:30;<br>T. Th. 11-12 | 228 T.   | 500 W. 121                                           |
| Loewi, K. J. Instr.                           |                            | P. & S.  | 11 E. 48                                             |
| Logan, Amy L. High Sch. Asst.<br>to Principal | M. W. F. 10-12             | H. M. S. | 106 Morningside dr.                                  |
| Loiseaux, L. A. Assoc. Prof. †                | M. W. F. 9:30-10;<br>1-2   | 111 B.   | 519 W. 121<br>509 W. 121                             |
| Long, Shirley V. Ext. T.                      |                            |          | 140 W. 71                                            |
| Long, W. B. Assoc.                            |                            | C. R. L. | 2039 New Hamp-<br>shire ave., Wash-<br>ington, D. C. |
| Longcope, W. T. Prof. †                       | (Absent on leave)          | P. & S.  |                                                      |
| Lord, H. G. Prof. †                           | T. Th. 10                  | 615 Hm.  | 623 W. 113                                           |
| Lovell, E. B. Prof. †                         | W. F. 11-12                | 405 E.   | 67 Myrtle ave.,<br>Montclair, N. J.                  |
| Lowndes, Beatrice Sec. of S. H.               | M.-F. 9-5; S. 9-12         | S. H.    | 19 Wallace ave., Mt.<br>Vernon                       |
| Lowther, Mrs. Florence De L.<br>Instr. †      | M. F. 11                   | 409 B.   | 404 McDonough,<br>Bklyn.                             |
| Lucke, C. E. Prof. †                          | (Absent on leave)          |          | 544 W. 142                                           |
| Luquer, L. M. Asst. Prof. †                   | Daily 1-2                  | 306 S.   | Mt. Kisco                                            |
| Lyle, H. H. M. Prof.                          | (Absent on leave)          | P. & S.  | 50 E. 53                                             |
| Lynch, J. B. Instr.                           |                            | P. & S.  | 141 W. 74                                            |
| Lyon, H. Asst. Prof.                          |                            | 37 Wall  | 430 W. 119                                           |
| Lyon, J. H. H. Instr.                         |                            |          | Milburn, N. J.                                       |
| McBain, H. L. Prof. †                         | M. W. 3-4                  | 513 K.   | 448 Riverside dr.                                    |

| Name                                | Office Hours      | Office      | Residence           |
|-------------------------------------|-------------------|-------------|---------------------|
| McCaffrey, F. S. Clin. Asst.        | (Absent on leave) | V. C.       |                     |
| McCall, W. A. Instr. †              | M. W. F. 2-4:30   | 300 T.      | 506 W. 122          |
| McCarthy, J. F. Asst. Prof.         |                   | P. & S.     | 40 E. 41            |
| McCarthy, J. F. Ext. T.             |                   |             | 173 E. 31, Bklyn.   |
| McCastline, Mrs. Janet R., Recorder |                   |             |                     |
| Dept. Physical Education            | Daily 9-12; 3-4   | 161 Th.     | 549 Riverside dr.   |
| McCastline, W. H. Univ. Med.        |                   |             |                     |
| Officer †                           | Daily 9:30-12     | E. H.       | 549 Riverside dr.   |
| McClees, Helen Ext. T.              |                   |             | 106 Morningside dr. |
| McCown, Nellie Instr.               | T. 10-11          | 113 H. A.   | 180 Claremont ave.. |
| McCrea, N. G. Prof.                 | M. 4-4:30;        |             |                     |
|                                     | Th. 3-3:30        | 709 P.      | 430 W. 119          |
| McCrea, R. C. Prof. †               | M. 11-12; T. Th.  | 508 J.      | 464 Morris ave.,    |
|                                     | 11-12; 1:30-2     |             | Boonton, N. J.      |
| McFarlane, C. T. Prof. and Con-     |                   |             |                     |
| troller, T. C. †                    |                   | 122 T.      | 500 W. 121          |
| McGiffert, Rev. A. C. Prest.        |                   |             |                     |
| Union Theo. Sem. †                  |                   | U. T. S.    | Bway. and 120       |
| McGowan, Mrs. Ellen B. Instr.       | M. W. 2-3         | 404 H. A.   | 430 W. 118          |
| McGregor, J. H. Assoc. Prof.        | M. W. F. 10-11    | 605 S.      | Livingston          |
| McIntosh, A. Berdena Tr.            |                   | H. M. B. S. | 414 W. 118          |
| McKee, R. H. Prof. †                | M. W. 2-3         | 305 Hv.     | Johnson ave. and    |
|                                     |                   |             | 230                 |
| McKendree, C. A. Instr.             |                   | P. & S.     | 129 E. 76           |
| McLane, Fannie M. Ext. T.           |                   |             | 229 W. 126          |
| McLean, S. Asst. †                  | (Absent on leave) | P. & S.     | 776 Madison ave.    |
| McMurry, F. M. Prof. †              | M. W. F. 10-11    | 202 T.      | 9 Hillside dr.,     |
|                                     | (Absent on leave  |             | Yonkers             |
|                                     | Spring Session)   |             |                     |
| McWhorter, J. E. Instr.             |                   | P. & S.     | Tenaflly, N. J.     |
| MacAlarney, R. E. Assoc. †          | M. 8-9 p. m.      | 485 Fifth   |                     |
|                                     |                   | ave.        | 255 W. 108          |
| MacElwee, R. S. Lect.               | (Absent on leave) |             | 44 Morningside dr.  |
| MacGregor, J. S. Instr. †           | (Absent on leave) |             |                     |
| MacKee, G. M. Asst. Prof.           |                   | P. & S.     | 58 W. 58            |
| Mackinnon, Marion Asst.             |                   | H. M. S.    | Furnald             |
| MacLay, J. Prof. †                  | M.-F. 9:30        | 506 Hm.     | 7 Tyndall ave.      |
| Macmahon, A. W. Instr. †            | (Absent on leave) |             | 1217 Conn. ave.,    |
|                                     |                   |             | Washington, D. C.   |
| Macomber, Bertha, Sec. to Con-      |                   |             |                     |
| troller, T. C.                      | Daily 9-5         | 122 Macy    | 403 W. 115          |
| Macumber, J. L. Clin. Asst.         |                   | V. C.       | 291 De Kalb ave.,   |
|                                     |                   |             | Bklyn.              |
| Macy, Cornelia P. Recorder          |                   | 421 L.      | 430 W. 119          |
| Maddox, W. A. Asst. Prof. and       | M. W. 2-3;        | 114 T.      | 510 W. 123          |
| Chairman Appt. Com. T. C. †         | F. S. 11-12       |             |                     |
| Mallory, V. S. Ext. T. †            |                   |             | 820 Van Buren pl.,  |
|                                     |                   |             | N. Bergen, N. J.    |
| Maltby, Margaret E. Assoc.          |                   |             |                     |
| Prof.                               | M. T. Th. 1:30-2  | 240 B.      | 515 W. 121          |
| Manning, C. A. Lect.                | (Absent on leave) |             | 144 E. 74           |

| Name                                              | Office Hours                          | Office           | Residence                             |
|---------------------------------------------------|---------------------------------------|------------------|---------------------------------------|
| Manning, E. B. Ext. T.                            |                                       |                  | 412 W. 115                            |
| Mantz, H. E. Instr. †                             | T. 4-4:30;<br>S. 10:30-11             | 505 P.           | 1 W. 100                              |
| March, Maud Instr.                                | M.-F. 2:30-3:30                       | 165 Th.          | 600 W. 114                            |
| Marique, P. J. Ext. T.                            |                                       |                  | 3270 Perry ave.                       |
| Marshall, Josephine A. Instr.                     | M. 10-10:30; T.<br>1:30-2; F. 9:30-10 | 113 H. A.        | 501 W. 120                            |
| Martin, C. J. Instr. †                            | W. 3-4                                | 431 Macy         | 31 Bennett ave.                       |
| Martin, H. W. Tr. †                               |                                       | H. M. B. S.      | 108 Buckingham rd.,<br>Yonkers        |
| Martin, W. Prof.                                  |                                       | P. & S.          | 151 W. 63                             |
| Mason, D. G. Assoc. Prof. †                       | M. 12:30-1                            | 703 J.           | 207 W. 55                             |
| Mason, F. L. Instr. †                             | (Absent on leave)                     |                  | 1914 Davidson ave.                    |
| Mason, H. H. Instr. and Physi-<br>cian to L. S. † |                                       | P. & S.          | 156 E. 74                             |
| Mathews, F. S. Asst. Prof.                        |                                       | P. & S.          | 62 W. 50                              |
| Matthews, B. Prof. †                              | T. Th. 4                              | 604 P.           | 337 W. 87                             |
| Mattson, S. Ext. T.                               |                                       |                  | 1365 Nostrand ave.,<br>Bklyn.         |
| Mayer, R. E. Assoc. Prof. †                       | Daily 10-12; 2-4                      | 401 E.           | 151 Prospect ave.,<br>Mt. Vernon      |
| Mead, G. W. Instr. †                              | M. W. F. 11-12;<br>T. Th. S. 9-10     | 610 Hm.          | 524 W. 123                            |
| Meadowcroft, Mrs. Mabel McV. Tr.                  |                                       | H. M. S.         | 419 W. 119                            |
| Mears, E. M. K. Clin. Asst.                       |                                       | V. C.            | 138 W. 71                             |
| Medina, H. R. Assoc. †                            | M. 7:30-10 p. m.                      | 408 K.           | 90 Morningside dr.                    |
| Meeker, C. H. Instr. †                            | M. F. 11:30                           | 504 H. A.        | 130 W. 57                             |
| Mehan, Mrs. J. D. Instr.                          | By appointment                        | Carnegie<br>Hall | Carnegie Hall                         |
| Meister, M. Asst.                                 | Daily 1:30-3                          | 409 T.           | 344 E. 6                              |
| Méras, A. A. Asst. Prof. †                        | (Absent on leave)                     |                  | 9 Elmhurst ave.,<br>Elmhurst, L. I.   |
| Mercado, J. Ext. T.                               |                                       |                  | 4090 Ferriss st.,<br>Woodhaven, L. I. |
| Merritt, A. H. Prof.                              |                                       | P. & S.          | 59 W. 46                              |
| Merritt, Elizabeth R. Tr.                         |                                       | H. M. S.         | 515 W. 122                            |
| Merritt, Mrs. Mabel W. Ext. T.                    | M. 2-4                                | 305 East         | 535 2nd, Bklyn.                       |
| Mersereau, W. J. Asst. †                          |                                       | P. & S.          | 294 W. 92                             |
| Messer, W. S. Instr.                              | S. 11                                 | 340 B.           | 433 W. 117                            |
| Meyer, Anna E. H. Registrar of<br>Barnard         | M.-F. 10-12; 2-4;<br>S. 10-12         | 134 B.           | 15 Cedar pl., Yon-<br>kers            |
| Meylan, G. L. Prof. †                             |                                       |                  | 468 W. 141                            |
| Michaelis, A. Instr.                              |                                       | P. & S.          | 5 W. 91                               |
| Milleg, A. Clin. Asst.                            |                                       | V. C.            | 251 E. 86                             |
| Miller, C. Ext. T.                                |                                       |                  | 611 W. 127                            |
| Miller, D. S. Prof.                               | (Absent on leave)                     |                  | 4 Lorillard Hall,<br>Chelsea sq.      |
| Miller, H. R. Instr. and Asst.                    |                                       | P. & S.          | 150 W. 80                             |
| Miller, I. Clin. Asst.                            |                                       | V. C.            | 901 E. 172                            |
| Miller, J. A. Prof. †                             | (Absent on leave)                     | P. & S.          | 379 Park ave.                         |
| Miller, Nina R. Instr.                            | M. 2-3; W. 9-11                       |                  | Furnald                               |



| Name                                             | Office Hours                 | Office           | Residence                              |
|--------------------------------------------------|------------------------------|------------------|----------------------------------------|
| Miller, R. F. Lib'n C. C. †                      | M.-F. 9-5; S. 9-12           | 312 Hm.          | 106 Mowbray pl.,<br>Kew Gardens, L. I. |
| Miller, S. O. Asst. Prof.                        | (Absent on leave)            |                  | West Nyack                             |
| Mislig, M. D. Clin. Asst.                        |                              | V. C.            | 155 E. 80                              |
| Mitchell, H. B. Prof.                            | M. W. F. 2-3                 | 304 Hm.          | 80 Washington sq.                      |
| Mitchell, W. C. Prof. †                          | (Absent on leave)            | K.               | 15 Washington sq.                      |
| Monroe, P. Prof. and Dir. Sch.<br>of Education † | T. Th. 11-12; 2-3            | 107 T.           | 44 Prospect dr.,<br>Yonkers            |
| Montague, W. P. Assoc. Prof. †                   | W. 2:30-4;<br>M. W. 10-11    | 707 P.;<br>37 B. | 2880 Bway.                             |
| Montecchi, H. Ext. T.                            |                              |                  | 66 W. 83                               |
| Montgomery, F. E. Instr.                         |                              | P. & S.          | 324 W. 108                             |
| Montgomery, R. H. Asst. Prof. †                  | (Absent on leave)            |                  | 525 West End ave.                      |
| Mook, C. C. Instr. †                             | M. 9:30-12; Th.<br>10-11     | 216 B.           | Palisade, N. J.                        |
| Moore, Annie E. Instr.                           | T. Th. 11-12;<br>S. 11-11:30 | 202 T.           | 414 W. 121                             |
| Moore, F. G. Prof. †                             | M. W. F. 11-12               | 504 Hm.          | 945 West End ave.                      |
| Moore, H. L. Prof. †                             | M. W. F. 11:50; 2            | 334 B.           | Cornwall                               |
| Moore, J. B. Prof. †                             | M. T. 2-3                    | 305 L.           | 267 W. 73                              |
| Moore, Olive Tr.                                 |                              | L. S.            | 420 W. 121                             |
| Moore, R. J. Instr. †                            | M. W. F. 11-12               | 313 Hv.          | Palisade, N. J.                        |
| Moore, Texa L. Tr.                               |                              | H. M. S.         | 434 W. 120                             |
| Moore, U. Prof. †                                | Daily 9-10                   | 408 K.           | Winthrop pl., Engle-<br>wood, N. J.    |
| Morecroft, J. H. Assoc. Prof. †                  | (Absent on leave)            |                  | Palisade, N. J.                        |
| Morgan, J. L. R. Prof. †                         | Daily 9-10                   | 411 Hv.          | 350 W. 55                              |
| Morgan, O. S. Prof. †                            | W. Th. F. 10-11              | 511 S.           | 400 Convent ave.                       |
| Morgan, T. H. Prof. †                            | Daily 12-1                   | 613 S.           | 409 W. 117                             |
| Morgan, W. E. Asst. †                            |                              | 419 Hv.          | 3143 Bway.                             |
| Morgan, W. T. Instr. †                           | T. 8-9; 3-4                  | 712 Hm.          | 420 W. 119                             |
| Morris, D. H. Instr. and Asst.                   |                              | P. & S.          | 161 W. 87                              |
| Morris, F. K. Instr.                             | M.-F. 4-5                    | 302 S.           | 547 W. 123                             |
| Morrison, J. C. Asst.                            |                              | T.               | Leonia, N. J.                          |
| Morse, L. B. Ext. T.                             |                              |                  | 206 Christie Hts.,<br>Leonia, N. J.    |
| Morton, Rosalie S. Clin. Asst.                   |                              | V. C.            | 701 Madison ave.                       |
| Moschcowitz, A. V. Prof.                         | (Absent on leave)            | P. & S.          | 925 Madison ave.                       |
| Moses, A. J. Prof. †                             | Daily 11-12                  | 307 S.           | Pleasantville                          |
| Moss, Helen J. Lib'n H. M. S.                    |                              | H. M. S.         | 457 W. 123                             |
| Moss, L. DeG. Asst. Prof. †                      | (Absent on leave)            |                  | 248 W. 131                             |
| Mossman, Mrs. Lois C. Instr.                     | T. W. Th. 11                 | 235 Macy         | 329 Park ave.,<br>Leonia, N. J.        |
| Mudge, Isadore G. Ref. Lib'n                     | M.-F. 9:30-5:30;<br>S. 9-1   | L.               | 420 W. 118                             |
| Muller, H. F. Asst. Prof. †                      | (Absent on leave)            |                  |                                        |
| Muller, H. J. Instr.                             | T. Th. 1-2                   | 604 S.           | 617 W. 143                             |
| Mullin, G. H. Instr.                             |                              |                  |                                        |
| Mullins, G. W. Instr. †                          | T. Th. S. 9:30-10            | 209 B.           | 418 W. 118                             |
| Munro, H. F. Lect. †                             | M. T. 10; Th.<br>3-4:30      | 513 K.           | 420 W. 118                             |

| Name                                                             | Office Hours                    | Office      | Residence                              |
|------------------------------------------------------------------|---------------------------------|-------------|----------------------------------------|
| Munroe, H. S. Emer. Prof. †                                      |                                 |             | Litchfield, Conn.                      |
| Murdock, Katherine<br>Lect.                                      | Th. 2-3                         | 300 T.      | 419 W. 119                             |
| Muzzey, D. S. Assoc. Prof. †                                     | T. Th. 11-12                    | 336 B.      | 492 Van Cortlandt<br>Pk. ave., Yonkers |
| Neish, A. C. Asst. Prof. †                                       | M. W. F. 10-12                  | 610 Hv.     | 130 Claremont ave.                     |
| Neitz, J. D. Tutor †                                             |                                 | H. M. B. S. | 527 W. 124                             |
| Nelson, C. A. Ret. Asst. Lib'n †                                 |                                 |             | 505 W. 142                             |
| Nelson, Mrs. Christine W. Special<br>Instr.                      |                                 | T.          | 556 W. 191                             |
| Nelson, J. M. Assoc. Prof. †                                     | M. T. F. 11-12                  | 409 Hv.     | 620 W. 122                             |
| Neuwelt, L. Asst.                                                |                                 | V. C.       | 40 St. Nicholas pl.                    |
| Nichols, C. L. Clin. Asst.                                       |                                 | V. C.       | 232a Putnam ave.,<br>Brooklyn          |
| Nishimura, M. Ext. T.                                            |                                 |             |                                        |
| Nonidez, J. F. Asst.                                             | Daily 9-5                       | S.          | 232 E. 68                              |
| Norrie, V. H. Prof.                                              |                                 | P. & S.     | 92 Park ave.                           |
| Norris, H. L. Supt. of B. & G.                                   | Daily 10-11                     | 110 L.      | Livingston                             |
| Northrup, Belle Instr.                                           | T. 11:30                        | 507 H. A.   | 404 W. 115                             |
| Norton, N. R. Instr. †                                           |                                 | P. & S.     | 113 E 70                               |
| Nutting, M. Adelaide Prof.                                       | M. W. Th. 11-12;<br>T. 2-4      | 109 H. A.   | 501 W. 120                             |
| Oastler, F. R. Prof. †                                           |                                 | P. & S.     | 126 W. 59                              |
| Obregon, T. E. Ext. T.                                           |                                 |             | 52 Bway.                               |
| O'Byrne, M. A. Ext. T.                                           |                                 |             | 668 Riverside dr.                      |
| Odell, G. C. D. Prof.                                            | Daily 2                         | 604 Hm.     | 44 W. 44                               |
| Ogden, C. J. Lect.                                               | F. 2-3                          | 401 P.      | 628 W. 114                             |
| Ogilvie, Ida H. Assoc. Prof.                                     | (Absent on leave)               | B.          | 490 Riverside dr.                      |
| Olinger, H. C. Ext. T.                                           |                                 |             | 181 Claremont ave.                     |
| Oppenheimer, B. S. Asst. Prof.                                   | (Absent on leave)               | P. & S.     | 509 W. 122                             |
| Ormsby, Sarah S. Instr.                                          | M. 2-3; W. 11-11:30;<br>F. 9-10 | 114 H. A.   | 180 Claremont ave.                     |
| Orr, Ethel M. Tr.                                                |                                 | H. M. S.    | Furnald                                |
| Orr, Frances Asst.                                               |                                 | 603 F.      | 611 W. 114                             |
| Osborn, H. F. Prof. †                                            | By appointment                  | Am. Mus.    | 850 Madison ave.<br>Nat. Hist.         |
| Osborne, Mrs. Agnes W. Secy. of<br>Religious Organizations T. C. |                                 | 111 T.      | 160 Claremont ave.                     |
| Osgood, C. Instr.                                                |                                 | P. & S.     | 58 Central Park W.                     |
| Ottenberg, R. Instr.                                             |                                 |             | 15 W. 89                               |
| Owen, R. B. Instr. †                                             | (Absent on leave)               |             | 709 W. 169                             |
| Pace, H. St. C. Prof. †                                          |                                 | Phar.       | 42 Monroe pl.,<br>Bklyn.               |
| Painter, H. M. Prof. †                                           |                                 | P. & S.     | 62 W. 55                               |
| Palmer, W. W. Assoc. Prof.                                       |                                 | P. & S.     | 65 Central Park W.                     |
| Panuska, F. C. Lect. †                                           | M. W. 3:30-4;<br>6-6:30         | 327 Macy    | 321 E. 77                              |
| Pappenheimer, A. M. Asst. Prof.                                  | (Absent on leave)               | P. & S.     | Hartsdale                              |
| Parker, E. H. Instr.                                             | Daily 1-2                       | 603 A.      | 608 W. 113                             |
| Parker, W. A. Lect.                                              | M. F. 10-11                     | 614 Hm.     | Livingston                             |
| Parkhurst, Helen H. Instr.                                       | M. W. 10-11                     | 36 B.       | 220 Waverly pl.                        |

| Name                                         | Office Hours                         | Office       | Residence                              |
|----------------------------------------------|--------------------------------------|--------------|----------------------------------------|
| Parkinson, T. I. Prof. †                     | (Absent on leave)                    | K.           | 423 W. 120                             |
| Parr, H. L. Asst. Prof. †                    | (Absent on leave)                    |              | 35 Gilbert pl.,<br>Yonkers             |
| Pascale, V. Clin. Asst.                      |                                      | V. C.        | 19 King                                |
| Patrick, Sara L. Instr.                      | T. Th. 11-11:30                      | 119 Macy     | 110 Morningside dr.                    |
| Patterson, C. P. Instr. †                    | T. Th. 9-10                          | 704 Hm.      | 435 W. 119                             |
| Patterson, Mrs. Frances T.<br>Ext. T.        |                                      |              | 434 W. 120                             |
| Patterson, F. A. Asst. Prof. †               | Daily 11-12                          | 301 U.       | Morsemere, N. J.                       |
| Patterson, H. S. Asst. Prof. †               |                                      | P. & S.      | 130 E. 62                              |
| Peabody, Mary G. Tr.                         |                                      | H. M. S.     | 400 W. 118                             |
| Peacock, Mary H. Instr.                      | T. 1-2                               | 214 H. A.    | 450 Riverside dr.                      |
| Pearson, H. C. Prin. H. M. S. †              | M. T. Th. 2-3;<br>W. 8:45-10         | 107 H. M. S. | 501 W. 120                             |
| Peck, C. H. Prof. †                          | (Absent on leave)                    | P. & S.      | 30 W. 50                               |
| Peck, Florence E. Registrar of<br>T. C.      | M.-F. 9-4:30;<br>S. 9-12             | 104 T.       | 110 Morningside dr.                    |
| Peck, W. E. Ext. T.                          |                                      |              | 26 Coligni ave., New<br>Rochelle       |
| Peebles, W. C. Tutor †                       |                                      | H. M. B. S.  | 440 Van Cortlandt<br>Pk. ave., Yonkers |
| Peele, R. Prof.                              | T. Th. 10-12;<br>F. 11-12            | 405 M.       | 490 West End ave.                      |
| Peeso, F. A. Prof. †                         |                                      | P. & S.      | 542 Fifth ave.                         |
| Pegram, G. B. Prof. and Dean<br>Ap. Sci. †   |                                      | 406 F.       | Livingston ave.,<br>Riverdale          |
| Perkins, O. C. Ext. T.                       |                                      | 401 E.       | 5 Montague ter.,<br>Bklyn.             |
| Perrier, J. L. Instr. †                      | Daily 9:30-10                        | 310 Hm.      | 352 W. 115                             |
| Perry, E. D. Prof. †                         | M. F. 5                              | 708 P.       | 542 W. 114                             |
| Peterson, A. Ext. T.                         |                                      | Gym.         | 459 W. 123                             |
| Phelps, Alice E. Tr.                         |                                      | H. M. S.     | 537 W. 121                             |
| Pike, F. H. Assoc. Prof. †                   |                                      | P. & S.      | Tenafly, N. J.                         |
| Pitkin, W. B. Assoc. Prof. †                 | W. F. 11-12                          | 201 J.       | R. F. D. 1, Dover,<br>N. J.            |
| Place, Olive E. Asst.                        |                                      | H. M. S.     | Furnald                                |
| Poffenberger, A. T. Jr. Instr. †             | (Absent on leave)                    |              | 405 W. 118                             |
| Pomeroy, C. H. Bursar of T. C. †             | M.-F. 9-4:30;<br>S. 9-12             | 102 T.       | 430 W. 119                             |
| Pool, E. H. Prof. †                          | (Absent on leave)                    | P. & S.      | 107 E. 60                              |
| Poor, C. L. Prof. †                          | (Absent on leave)                    |              | 35 E. 69                               |
| Post, E. L. Lect.                            | M. W. F. 10-12;<br>T. Th. S. 9:30-12 | 215 Hm.      | 280 Manhattan ave.                     |
| Potter, H. W. Clin. Asst.                    |                                      | V. C.        |                                        |
| Powell, T. R. Assoc. Prof. †                 | M. W. 3-4                            | 511 K.       | 567 W. 113                             |
| Pratt, E. L. Instr.                          |                                      | P. & S.      | 114 W. 84                              |
| Pratt, Isabelle L. Recorder T. C.            | Daily 10-12; 3-4                     | 114 T.       | 249 W. 104                             |
| Pratt, Marion R. Executive<br>Secy. H. M. S. | Daily 9-5                            | H. M. S.     | 249 W. 104                             |
| Prenez, Blanche Lect.                        | T. 11-12                             | 110 B.       | 435 W. 119                             |
| Prentice, C. F. Ext. T.                      |                                      |              | 149 Bway.                              |

| Name                                                    | Office Hours       | Office    | Residence                  |
|---------------------------------------------------------|--------------------|-----------|----------------------------|
| Prescott, Harriet B. Superv.<br>Catalogue Dept. Library |                    | 205 L.    | 36 Gramercy Park           |
| Prettyman, V. Prin. H. M. S.<br>for Boys †              | M.-F. 9:30-11:30   | H.M.B.S.  | West 246                   |
| Previtali, G. Asst.                                     |                    | P. & S.   | 127 E. 57                  |
| Prime, F. Assoc. †                                      |                    | C. R. L.  | 131 E. 66                  |
| Prince, J. D. Prof. †                                   | M. W. 3-4          | 406 P.    | Ringwood Manor,<br>N. J.   |
| Proben, C. I. Instr. †                                  |                    | P. & S.   | 160 E. 71                  |
| Prudden, T. M. Emer. Prof.                              |                    |           | 160 W. 59                  |
| Puckett, H. W. Lect. †                                  | M. W. F. 2:15      | 114 B.    | 108 High,<br>Leonla, N. J. |
| Puel, A. L. Ext. T.                                     |                    |           | 2255 Bway.                 |
| Pupin, M. I. Prof.                                      | M.-F. 12-12:30     | 206 P.    | 1 W. 72                    |
| Putnam, Mrs. Emily J. Assoc.                            | By appointment     | 335 B.    | 335 W. 86                  |
| Quackenbos, J. D. Emer. Prof.                           |                    |           | 37 W. 73                   |
| Quinche, O. Tr. †                                       |                    | L. S.     | 12 Hammond,<br>Jamaica     |
| Radin, G. Ext. T.                                       |                    |           | 16 Morningside dr.         |
| Radin, M. Ext. T.                                       |                    |           | 6 W. 107                   |
| Rafsky, H. A. Clin. Asst.                               |                    | V. C.     | 200 W. 114                 |
| Randall, J. H. Jr. Instr.                               | M. T. F. 11-12     | 618 Hm.   | 19 E. 126                  |
| Randel, Lillian B. Secy.<br>H. M. B. S.                 | Daily 9-5          | H.M.B.S.  | 126 E. 83                  |
| Rankin, Mary E. Instr.                                  | F. 2               | 112 T.    | 501 W. 120                 |
| Rattrey, J. Ext. T.                                     |                    |           | 140 Broadway               |
| Rautenstrauch, W. Prof. †                               | M. T. 10-11        | 410 E.    | Palisade, N. J.            |
| Raymond, R. M. Prof. †                                  | T. Th. S. 10-12    | 407 M.    | 360 Riverside dr.          |
| Raynor, Nina F. Tr.                                     |                    | H. M. S.  | 530 W. 122                 |
| Redfield, H. S. Ret. Prof. †                            |                    |           | 1925 Seventh ave.          |
| Reed, Jessica B. Asst. to Secy.<br>T. C.                | M.-F. 9-5; S. 9-12 | 106 T.    | 549 Riverside dr.          |
| Reed, J. H. Clin. Asst.                                 | (Absent on leave)  | V. C.     | 33 W. 42                   |
| Rehberman, J. F. Clin. Asst.                            | (Absent on leave)  | V. C.     | 7 E. Tremont ave.          |
| Reigrod, C. Clin. Asst.                                 |                    | V. C.     | 670 E. 170                 |
| Reiley, Katharine C. Asst. Prof.                        | Daily              |           | 404 W. 115                 |
| Reimer, Marie, Assoc. Prof.                             | F. 9-11            | 440 B.    | 604 W. 112                 |
| Reisner, E. H. Lect. †                                  | T. Th. 2-3         | 321 T.    | 533 W. 124                 |
| Remer, J. Clin. Asst.                                   |                    | V. C.     | 58 W. 58                   |
| Remy, A. F. J. Assoc. Prof. †                           | M. W. 2-3          | 509 P.    | 19 W. 95                   |
| Remy, F. J. Clin. Asst.                                 | (Absent on leave)  | V. C.     | 253 W. 58                  |
| Reque, P. A. Clin. Asst.                                |                    | V. C.     | 440 Clinton, Bklyn.        |
| Reuben, M. S. Asst.                                     |                    | P. & S.   | 316 W. 94                  |
| Rhett, W. M. Clin. Asst.                                |                    | V. C.     | 57 W. 58                   |
| Rice, Mrs. Grace P. Instr.                              | M. Th. 10-11       | 408 B.    | Stamford, Conn.            |
| Richards, H. M. Prof. †                                 | M. F. 11-12        | 316 B.    | 411 W. 114                 |
| Richards, Mrs. Marion E. Lect.                          | W. 10-12           | 317 B.    | 411 W. 114                 |
| Richardson, Edith C. Chief<br>Clerk Sec'y Office T. C.  | M.-F. 9-5; S. 9-12 | 106 T.    | 509 W. 121                 |
| Ritchie, Margaret Asst.                                 |                    | 404 H. A. | 501 W. 120                 |
| Ritt, J. F. Lect.                                       | (Absent on leave)  |           | 1571-51st., Bklyn.         |



| Name                                               | Office Hours                 | Office    | Residence                         |
|----------------------------------------------------|------------------------------|-----------|-----------------------------------|
| Robbins, Ida E. Tr.                                |                              | H. M. S.  | 435 W. 119                        |
| Robert, A. L. Lib'n Med.<br>Sch.                   | Daily 9-5                    | P. & S.   | 438 W. 57                         |
| Robert, Mme. Marie L. Tr.                          |                              | H. M. S.  | 1105 Amsterdam ave.               |
| Roberts, S. H. Ext. T.                             |                              |           | 322-9th, Bklyn.                   |
| Robinson, Ethel M. Asst.                           | Th. 1-2                      | 110 T.    | 131 E. 15                         |
| Robinson, J. H. Prof. †                            | T. Th. 1:30-2                | 602 K.    | 924 West End ave.                 |
| Robinson, L. B. Clin. Asst.                        |                              | V. C.     | 114 E. 84                         |
| Robinson, Mabel L. Ext. T.                         |                              |           | 576 Fifth ave.                    |
| Rockwell, Bertha L. Lib'n<br>Barnard               |                              |           | 322 E. 179                        |
| Rockwell, W. W. Asst. Prof. in<br>U. T. S. †       |                              | U. T. S.  | Bway. and 120                     |
| Roff, A. W. Clin. Asst.                            |                              | V. C.     | 68 W. 92                          |
| Rogers, K. Tr.                                     |                              | H.M.B.S.  | 466 W. 141                        |
| Rogers, O. H. Lect.                                |                              | P. & S.   | 346 Bway.                         |
| Rohdenburg, G. L. Assoc.                           |                              | C. R. L.  | 222 W. 136                        |
| Rohr, Florence M. Asst.                            |                              | H. M. S.  | 416 W. 122                        |
| Rohrbach, J. F. D. Ext. T.                         |                              |           | 233 Bway.                         |
| Rose, Mrs. Mary S. Assoc. Prof.                    | M.-F. 11-11:30               | 415 H. A. | 533 W. 124                        |
| Rosen, I. Instr.                                   |                              | P. & S.   | 330 Park ave.                     |
| Rosenbluth, M. Clin. Asst.                         |                              | V. C.     |                                   |
| Rosinoff, Lillian B. Superv.<br>Clin. Instr.       | T. W. Th. 10-11              | P. & S.   |                                   |
| Roth, Suzanne Tr.                                  |                              | L. S.     | 336 E. 67                         |
| Ruckes, H. Inst.                                   | M. W. F. 10; T.<br>Th. S. 11 | Gym.      | 1336 Bristow                      |
| Rudolph, Adelaide Asst. Lib'n                      |                              | Phar.     | 417 W. 120                        |
| Ruger, H. A. Asst. Prof. †                         | M. W. F. 11                  | 338 T.    | 854 W. 181                        |
| Ruggles, Reba A. Asst. Appoint-<br>ment Com. T. C. | M.-S. 10-12; M.-F.<br>3-4    | 114 T.    | 419 W. 119                        |
| Rulison, E. T. Jr. Instr. †                        |                              | P. & S.   | 1042 Park ave.                    |
| Rusby, H. H. Prof. and Dean<br>Coll. Phar. †       |                              | Phar.     | 776 DeGraw ave.,<br>Newark, N. J. |
| Rusk, Hester M. Instr.                             | W. 11                        | 312a B.   | Furnald                           |
| Russell, J. E. Prof. and Dean of<br>T. C. †        | M.-F. 11                     | 105 T.    | 500 W. 121                        |
| Russell, Martha M. Supt. Sloane<br>Hospital        |                              |           | 447 W. 59                         |
| Ruyl, J. P. Asst. Prof. †                          |                              | P. & S.   | 40 E. 41                          |
| Ryan, E. J. Ext. T.                                |                              |           | 165 Garfield pl.,<br>Bklyn.       |
| Rybner, Cornelius Prof. †                          | Th. 10-11                    | 703 J.    | 316 W. 94                         |
| Sachs, J. Emer. Prof. †                            |                              |           | 225 W. 86                         |
| Sagal, Z. Instr. †                                 |                              | P. & S.   | 924 Prospect ave.                 |
| Sailer, T. H. P. Assoc. †                          | T. 10; Th. 2                 | 351 Th.   | Englewood, N. J.                  |
| Sait, E. M. Asst. Prof. †                          | M. F. 10-11                  | 611 K.    | Oradell, N. J.                    |
| Sammis, J. F. Instr.                               |                              | P. & S.   | 272 W. 90                         |
| Sanborn, J. F. Instr. †                            |                              |           | 401 W. 118                        |
| Sanders, W. A. Ext. T.                             |                              |           | 321 W. 94                         |
| Satenstein, D. L. Clin. Asst.                      |                              | V. C.     | 220 W. 42                         |

| Name                                                    | Office Hours                        | Office    | Residence                                |
|---------------------------------------------------------|-------------------------------------|-----------|------------------------------------------|
| Saunders, T. L. Asst. Prof. †                           |                                     | P. & S.   | 120 E. 61                                |
| Saville, M. H. Prof. †                                  | (Absent on leave)                   |           | 292 W. 92                                |
| Scarborough, Dorothy, Ext. T.                           |                                     |           | 542 W. 113                               |
| Scattergood, C. E. Lect. †                              | M. 6:20-7 p. m.                     | 609 J.    | 644 Riverside dr.                        |
| Schaefer, H. H. Instr.                                  |                                     | Phar.     | 801a Willoughby<br>ave., Bklyn.          |
| Scheer, M. Clin. Asst.                                  |                                     | V. C.     | 616 Madison ave.                         |
| Schley, W. S. Jr. Instr.                                |                                     | P. & S.   | 24 W. 45                                 |
| Schloss, O. M. Instr.                                   |                                     | P. & S.   | 140 W. 58                                |
| Schmitt, A. E. Gym. Asst.                               |                                     | Gym.      | 416 Traphagen,<br>West Hoboken,<br>N. J. |
| Schneeweiss, A. J. Asst. †                              | M. W. F. 9-10                       | 615 Hm.   | 501 W. 111                               |
| Schneider, H. W. Instr.                                 | (Absent on leave)                   |           | 417 W. 120                               |
| Schnepel, G. A. Clin. Asst.                             |                                     | V. C.     | 238 W. 106                               |
| Schoenberg, M. J. Instr.                                |                                     | P. & S.   | 103 E. 81                                |
| Scholz, F. W. Instr. †                                  |                                     |           | 221 McLean ave.,<br>Yonkers              |
| Schrader, F. Asst.                                      |                                     | 602 S.    | 554 W. 128                               |
| Schroeder, F. C. Asst.                                  | (Absent on leave)                   |           | 390 Wadsworth ave.                       |
| Schroeder, L. C. Asst.                                  |                                     | P. & S.   | 495 West End ave.                        |
| Schulman, M. Assoc.                                     |                                     | P. & S.   | 1845 Seventh ave.                        |
| Schulze, H. H. L. Asst. Prof. †                         | T. Th. 9:30-10;<br>W. 2-3           | 409 Hm.   | 43 Ridge dr.,<br>Yonkers                 |
| Schuyler, R. L. Asst. †                                 | M. W. 9:30-10                       | 718 Hm.   | 860 Riverside dr.                        |
| Schwarzmann, S. Clin. Asst.                             |                                     | V. C.     | 1333 Washington<br>ave.                  |
| Scott, E. L. Assoc. †                                   | (Absent on leave)                   | P. & S.   | 26 Grove, Bogota,<br>N. J.               |
| Scudder, Katherine Dir. Religious and Social Work B. C. | Daily 10-1; 2-4                     | 106 S. H. | 130 Claremont ave.                       |
| Seager, H. R. Prof. †                                   | (Absent on leave)                   |           |                                          |
| Seligman, E. R. A. Prof. †                              | M. W. 2-3                           | 510 K.    | 324 W. 86                                |
| Severinghaus, W. L. Instr.                              | Daily 1-5                           | 206 F.    | 417 W. 120                               |
| Shapleigh, Bertha E. Instr.                             | M. 1-2                              | 214 H. A. | 508 W. 122                               |
| Sharpe, N. Clin. Asst.                                  |                                     | V. C.     | 315 W. 97                                |
| Shear, T. L. Assoc. †                                   | (Absent on leave)                   |           | 468 Riverside dr.                        |
| Shearer, L. H. Instr. †                                 |                                     | P. & S.   | 445 Park ave.                            |
| Shenton, H. N. Instr.                                   | (Absent on leave)                   |           |                                          |
| Shepherd, W. R. Prof. †                                 | W. 3-5                              | 612 K.    | 468 Riverside dr.                        |
| Sherman, H. C. Prof. †                                  | M. F. 10-11                         | 509 Hv.   | Hastings-on-Hudson                       |
| Shields, J. S. Clin. Asst.                              |                                     | V. C.     | 585 Jefferson ave.,<br>Bklyn.            |
| Shotwell, J. T. Prof. †                                 | (Absent on leave)                   |           | 536 W. 113                               |
| Siceloff, L. P. Asst. Prof. †                           | Daily 9-10                          | 305 Hm.   | 420 W. 119                               |
| Silver, L. M. Asst. †                                   |                                     | P. & S.   | 103 W. 72                                |
| Simkhovitch, V. G. Prof. †                              | (Absent on leave<br>Winter Session) | K.        | 26 Jones                                 |
| Simpson, W. B. Clerk Coll.<br>Phar. †                   | Daily 9-5                           | Phar.     | 44 Morton pl., E.<br>Orange, N. J.       |

| Name                                           | Office Hours                         | Office    | Residence                     |
|------------------------------------------------|--------------------------------------|-----------|-------------------------------|
| Sinsheimer, A. Ext. T.                         |                                      |           | 231 W. 39                     |
| Sittenfield, M. J. Instr.                      |                                      | P. & S.   | 73 E. 90                      |
| Sleffel, C. C. Asst. Prof. †                   | (Absent on leave)                    |           | 207 W. 100                    |
| Slichter, W. I. Prof. †                        | M. W. F. 9-10                        | 304 E.    | 450 Riverside dr.             |
| Sloane, W. M. Ret. Prof. †                     |                                      |           | 163 E. 74                     |
| Slosson, E. E. Assoc. †                        |                                      | J.        | 530 W. 123                    |
| Smernoff, A. A. Clin. Asst.                    |                                      | V. C.     | 601 W. 177                    |
| Smith, A. Prof. †                              | T. Th. 10-11                         | 302 Hv.   | 430 W. 116                    |
| Smith, C. F. Instr. †                          | Daily 1-2 except Th.                 | 452 Th.   | 67 Evelyn pl., Rosebank       |
| Smith, C. H. Assoc. †                          |                                      | P. & S.   | 253 W 75                      |
| Smith, D. E. Prof. †                           | M. W. 2:30                           | 212 T.    | 501 W. 120                    |
| Smith, E. R. Ret. Ref. Lib'n                   |                                      |           |                               |
| Smith, Emma P. Adviser to Women Grad. Students | M. W. F. 3-5;<br>T. Th. 10-12        | 301 P.    | Furnald                       |
| Smith, G. T. Clin. Asst.                       |                                      | V. C.     | 219 Audubon ave.              |
| Smith, Lucia H. Lect.                          | T. 9-12                              | 408 B.    | 587 Riverside dr.             |
| Smith, M. Prof. †                              | M. 3-4                               | 402 K.    | 169 E. 70                     |
| Smith, M. M. Tr.                               |                                      | H.M.B.S.  | 510 W. 124                    |
| Smith, P. L. Tr.                               |                                      | H.M.B.S.  | 318 W. 57                     |
| Smith, Y. B. Assoc. Prof. †                    | M. W. F. 10-11                       | 408 K.    | 65 W. 68                      |
| Snedden, David Prof. †                         | Daily 1:30-2:30                      | 219 T.    | 48 Prospect dr.,<br>Yonkers   |
| Snyder, R. G. Asst. Prof.                      |                                      | P. & S.   | 375 Park ave.                 |
| Somersset, W. L. Lect.                         |                                      | T.        | 107 Lexington ave.            |
| Sonnenschien, H. D. Clin. Asst.                |                                      | V. C.     | 1348 Lexington ave.           |
| Southall, J. P. C. Assoc. Prof. †              |                                      | 508 F.    | 106 Morningside dr.           |
| Southard, Lydia Instr.                         | By appointment                       | Whittier  | Whittier                      |
| Southworth, Emma R. Instr.                     | F. 2-3                               | 515 H. A. | Furnald                       |
| Spiers, A. G. H. Assoc. Prof. †                | M. W. F. 12-12:30;<br>T. Th. 11-12   | 306 Hm.   | 620 W. 122                    |
| Spohr, Wilhelmina Asst. Prof.                  | M. 9; F. 11                          | 114 H. A. | 501 W. 120                    |
| Squier, J. B. Prof. †                          |                                      | P. & S.   | 49 E. 49                      |
| Stackpole, Caroline E. Instr.                  | Daily 1:30                           | 422 T.    | 523 W. 121                    |
| Stackpole, Mrs. Ruth B. Tr.                    |                                      | H. M. S.  | 430 W. 119                    |
| Stangle, W. Ext. T. †                          |                                      |           | 21 Argyle rd., Bklyn.         |
| Starr, M. A. Emer. Prof. †                     |                                      |           | 5 W. 54                       |
| Stecher, Lorle I. Lect.                        | M. 11-12;<br>Th. 10-11               | 420 B.    | 417 W. 118                    |
| Steeves, H. R. Asst. Prof. †                   | M. 10-11                             | 608 Hm.   | 596 Riverside dr.             |
| Steinke, F. Clin. Asst.                        |                                      | V. C.     |                               |
| Stempel, W. M. Ext. T.                         |                                      |           | 234 Underhill ave.,<br>Bklyn. |
| Stern, L. Clin. Asst.                          | (Absent on leave)                    | V. C.     | 116 W. 45                     |
| Stern, M. Instr. †                             |                                      | P. & S.   | 219 W. 81                     |
| Stetson, D. D. Clin. Asst.                     |                                      | V. C.     | 101 W. 72                     |
| Stetson, R. E. Asst.                           |                                      | P. & S.   | 203 W. 81                     |
| Stevens, Romiett Asst. Prof.                   | (Absent on leave,<br>Spring Session) | 227 T.    | 130 Claremont ave.            |
| Stevenson, A. H. Chairman<br>Adm. Staff        |                                      | P. & S.   | 576 5th ave.                  |

| Name                                                      | Office Hours                         | Office     | Residence                              |
|-----------------------------------------------------------|--------------------------------------|------------|----------------------------------------|
| Stewart, Isabel M. Asst. Prof.                            | T. Th. 10-11;<br>M. W. 3-4           | 110 H. A.  | 49 Claremont ave.                      |
| Stickland, Georgina I. Asst.                              | T. W. 1-4                            | 418 B.     | 444 Classon ave.,<br>Bklyn.            |
| Stockder, A. H. Ext. T.                                   | T. 2-3; 5-5:30                       | 504 J.     | Livingston                             |
| Stone, Cornelia H. Instr.                                 | T. 1:10                              | 214 H. A.  | 450 Riverside dr.                      |
| Stone, H. F. Prof. and Dean<br>Law Sch. †                 | M. W. Th. 11;<br>T. 10; F. 12:20     | 404 K.     | 2 Chestnut, Engle-<br>wood, N. J.      |
| Stowell, E. S. Instr. †                                   | F. 10-11                             | T.         | Briarcliff Manor                       |
| Strascewicz, L. K. Ext. T.                                |                                      |            | 617 W. 179                             |
| Strayer, Geo. D. Prof. †                                  | T. Th. 10; T. 3                      | 218 T.     | W. 246, Riverdale                      |
| Strong, A. McL. Instr.                                    |                                      | P. & S.    | 251 W. 89                              |
| Strong, L. C. Instr.                                      |                                      |            | 554 W. 125                             |
| Strong, O. S. Asst. Prof.                                 |                                      | P. & S.    | Livingston                             |
| Stuart, Florence Tr.                                      |                                      | H. M. S.   | 312 E. 7, Plainfield,<br>N. J.         |
| Sturtevant, E. H. Asst. Prof. †                           |                                      |            | 21 Sterling pl., Edge-<br>water, N. J. |
| Sturtevant, Ethel Instr.                                  | T. Th. 11-12                         | 137 B.     | 620 W. 116                             |
| Swann, H. J. Ext. T.                                      |                                      |            | 109 Gates ave.,<br>Bklyn.              |
| Swenson, J. A. Instr.                                     | M. W. 4-4:30                         |            | 204 Park ave.,<br>Leon, N. J.          |
| Swift, S. Instr.                                          |                                      | P. & S.    | 447 W. 59                              |
| Tall, Lida L. Supervising Prin.<br>Elem. Grades L. S.     | Daily 9-3                            | L. S.      | 125 Washington pl.                     |
| Tallman, Lavinia Instr.                                   | M. W. 2; F. 10                       | 351 Th.    | 501 W. 120                             |
| Tannahill, Sallie B. Instr.                               | (Absent on leave,<br>Winter Session) | T.         | 420 W. 116                             |
| Tassin, A. deV. Asst. Prof. †                             |                                      |            | 16 Gramercy Park                       |
| Taussig, Admiral E. D. Com-<br>mandant U. S. Naval Unit † |                                      | Livingston |                                        |
| Taylor, H. C. Prof. †                                     |                                      | P. & S.    | 32 W. 50                               |
| Taylor, H. F. Tr. †                                       |                                      | H.M.B.S.   | 421 W. 121                             |
| Taylor, R. E. Instr.                                      |                                      | P. & S.    | 40 E. 41                               |
| Taylor, R. Instr.                                         | (Absent on leave)                    |            |                                        |
| Tead, Ordway Ext. T.                                      |                                      |            | 949 Bway.                              |
| Tenney, A. A. Asst. Prof. †                               | M. 2:30                              | 506 K.     | 148 Claremont ave.,<br>Mt. Vernon      |
| Terch, I. Clin. Asst.                                     |                                      | V. C.      | 115 2d                                 |
| Terry, C. T. Prof. †                                      |                                      | K.         | 59 E. 80                               |
| Thacher, J. S. Prof. †                                    |                                      | P. & S.    | 20 W. 50                               |
| Thatcher, E. Instr. †                                     |                                      | T.         | Bearsville, N. Y.                      |
| Thomas, A. W. S. Instr.                                   | (Absent on leave)                    |            |                                        |
| Thomas, C. Prof. †                                        | (Daily 11-12)                        | 513 P.     | 490 Riverside dr.                      |
| Thomas, C. W. Asst. Prof. †                               | (Absent on leave)                    |            | Bliss ave., Tenafly,<br>N. J.          |
| Thomas, J. F. Ext. T.                                     |                                      |            | 105 E. 22                              |
| Thompson, Alta E. Asst.                                   |                                      | H. M. S.   | 510 W. 123                             |
| Thorndike, A. H. Prof. †                                  | M. W. 3-4                            | 614 P.     | 4643 Waldo ave.,<br>Riverdale          |



| Name                                          | Office Hours                 | Office    | Residence                           |
|-----------------------------------------------|------------------------------|-----------|-------------------------------------|
| Thorndike, E. L. Prof. †                      | M. W. 10-11; 2-3             | 329 T.    | 501 W. 120                          |
| Thurston, E. D. Jr. Asst. Prof. †             | (Absent on leave)            |           | 521 W. 112                          |
| Thurston, H. W. Lect.                         |                              | T.        | 105 E. 22                           |
| Tilly, W. Ext. T.                             |                              |           | 2287 University ave.                |
| Tilney, F. Prof.                              |                              | P. & S.   | 45 E. 63                            |
| Tobey, Mrs. Evelyn S. Instr.                  | T. Th. 5-6                   | 302 H. A. | 195 Claremont ave.                  |
| Todd, H. A. Prof. †                           |                              | P. 501    | 824 West End ave.                   |
| Tolman, G. Instr. †                           |                              |           | 71 Livingston ave.,<br>Yonkers      |
| Tomimas, S. Ext. T.                           |                              |           | 897 Riverside dr.                   |
| Torres, A. Ext. T.                            |                              |           | 435 W. 123                          |
| Tower, R. W. Curator †                        |                              |           | New Rochelle                        |
| Towle, H. L. Instr. †                         | Daily 9-5                    | 405 A.    | 48 Charles st.                      |
| Townsend, Mary E. Instr.                      | M. 10-11; F. 2-3             | 416 T.    | 194 Riverside dr.                   |
| Trabue, M. R. Asst. Prof. †                   | (Absent on leave)            |           |                                     |
| Tracy, W. D. Assoc. Prof.                     | (Absent on leave)            | V. C.     | 46 W. 51                            |
| Trent, W. P. Prof. †                          | T. 12:30-1                   | 608 P.    | 139 W. 78                           |
| Tucker, S. A. Asst. Prof. †                   | (Absent on leave)            |           |                                     |
| Turnbull, Mary E. Asst.                       |                              | T.        | 839 West End ave.                   |
| Tuttle, G. A. Asst. Prof.                     |                              | P. & S.   | 49 W. 49                            |
| Tuttle, Margaret E. Asst.                     | M.-F. 9-11:30                | 352 Th.   | Furnald                             |
| Tyson, L. Secy. of Alumni Fed.†               |                              | East      | 100 Morningside dr.                 |
| Unger, J. S. Clin. Asst.                      |                              | V. C.     | 264 W. 89                           |
| Unnewehr, E. C. Lect.                         |                              | F.        | 417 W. 120                          |
| Updike, D. M. Asst. Supt.                     |                              |           |                                     |
| B. & G. †                                     |                              | 109 L.    | 126 Claremont ave.                  |
| Upjohn, C. B. Instr. †                        |                              | 31 Macy   | 3100 Bway.                          |
| Upton, C. B. Assoc. Prof. and<br>Sec. T. C. † | M.-F. 9-5; S. 9-12           | 106 T.    | 500 W. 121                          |
| Upton, Mrs. Siegfried M. Tr.                  |                              | H. M. S.  | 500 W. 121                          |
| Vaeth, J. A. Ext. T.                          |                              |           | New York Univer-<br>sity            |
| Vail, Valrosa V. Asst.                        |                              |           | 519 W. 123                          |
| Van Arsdale, May B.                           | M. F. 11; T. W.              |           |                                     |
| Assoc. Prof.                                  | Th. 2                        | 212 H. A. | 509 W. 121                          |
| Vanderbilt, Sadie B. Instr.                   | W. 10-11                     | 413 H. A. | 509 W. 121                          |
| Vanderburgh, F. A. Lect.                      | M. W. 1-2                    | 406 P.    | 53 Washington sq.                   |
| Van Doren, C. Assoc. †                        | Daily 5-5:30                 | 610 P.    | 351 W. 114                          |
| Van Etten, R. C. Instr.                       |                              | P. & S.   | 106 E. 60                           |
| Van Hook, L. Assoc. Prof. †                   | M. W. F. 11                  | 340 B.    | 28 Dearborn rd.,<br>Palisade, N. J. |
| Van Metre, T. W. Asst. Prof. †                | T. Th. 9:30-10;<br>F. 2:30-3 | 506 J.    | 170 Vermilyea ave.                  |
| Van Sant, J. T. Tr. †                         |                              | H.M.B.S.  | Riverdale ave.                      |
| Van Saun, S. W. Asst. Prof.                   |                              | P. & S.   | 250 W. 74                           |
| Van Tuyl, G. H. Ext. T.                       |                              |           | 71 Clinton pl.                      |
| Van Woert, C. T. Instr. †                     |                              | P. & S.   | 21 E. 40                            |
| Van Woert, F. T. Prof.                        |                              | P. & S.   | 21 E. 40                            |
| Van Zandt, Margaret Ret.<br>Asst. Lib'n       |                              |           |                                     |
| Vaughan, H. S. Clin. Asst.                    |                              | V. C.     | 471 Park ave.                       |

| Name                                           | Office Hours                         | Office   | Residence                          |
|------------------------------------------------|--------------------------------------|----------|------------------------------------|
| Vaughan, J. C. Assoc. and Instr.               |                                      | P. & S.  | 156 E. 79                          |
| Vexler, F. Asst. †                             | M.-F. 11-11:30                       | 603 P.   | 1012 Trinity ave.                  |
| Vietor, J. A. Instr. †                         |                                      | P. & S.  | 161 E. 79                          |
| Vogel, K. M. Asst. Prof.                       |                                      | P. & S.  | 680 Madison ave.                   |
| Von Court, F. F. Tr. †                         |                                      | L. S.    | 2546 Creston ave.                  |
| Voorhees, J. D. Assoc. Prof.                   |                                      | P. & S.  | 106 E. 60                          |
| Vuilleumier, J. A. Clin. Asst.                 | (Absent on leave)                    | V. C.    | 104 E. 40                          |
| Vulté, H. T. Asst. Prof. †                     | (Absent on leave,<br>Winter Session) |          | 33 Park ave., New<br>Rochelle      |
| Wachsmann, S. Prof.                            |                                      | P. & S.  | 210 st. and Gun<br>Hill rd.        |
| Wadelson, Helen C. Recorder                    |                                      | 421 L.   | 420 W. 119                         |
| Wald, Lillian Lect.                            |                                      | T.       | 265 Henry                          |
| Walker, A. L. Prof. †                          | T. Th. 1-2                           | 512 M.   | 33 E. 77                           |
| Walker, J. B. Prof. †                          | (Absent on leave)                    | P. & S.  | 51 E. 50                           |
| Ward, F. E. Assoc. †                           | F. 2-3                               | 703 J.   | 371 W. 119                         |
| Ward, H. F. Prof. U. T. S. †                   | T. Th. 2-3                           | U. T. S. | 25 Franklin, Engle-<br>wood, N. J. |
| Ward, P. T. Instr.                             |                                      |          | 310 W. 95                          |
| Ward, W. Asst. Prof.                           |                                      | P. & S.  | 24 W. 50                           |
| Wardlaw, C. Asst.                              |                                      | Th.      | Plainfield, N. J.                  |
| Ware, A. Assoc. †                              |                                      | A.       | Briarcliff Manor                   |
| Washburn, Martha L. Asst.                      | T.-F. 1-4                            | 609 Hv.  | 70 Morningside dr.                 |
| Washton, J. Clin. Asst.                        |                                      | V. C.    | 973 Simpson                        |
| Waugh, L. M. Prof.                             |                                      | P. & S.  | 576 Fifth ave.                     |
| Wayman, Agnes Instr.                           |                                      |          |                                    |
| Weaver, E. W. Lect.                            |                                      | T.       | 25 Jefferson ave.<br>Bklyn         |
| Weaver, R. M. Instr.                           |                                      | Hm.      |                                    |
| Webb, H. W. Asst. Prof.                        | (Absent on leave)                    |          |                                    |
| Wechsler, I. S. Instr.                         |                                      | P. & S.  | 212 E. 12                          |
| Weeks, Mabel F. Assoc.                         | T. 10-11                             | 138 B.   | Brooks                             |
| Weeks, R. Prof. †                              | T. Th. 11-12                         | 500 P.   | 620 W. 122                         |
| Weeman, G. Instr. †                            |                                      | U.       | 465 W. 159                         |
| Weick, C. W. Asst. Prof. †                     | (Absent on leave)                    | T.       | 507 W. 124                         |
| Weil, H. L. Clin. Asst.                        |                                      | V. C.    | 616 Madison ave.                   |
| Weil, Mable Asst.                              |                                      |          | 1362 Pacific, Bklyn.               |
| Weinrich, M. F. Instr. †                       | W. 10-11                             | 305 F.   | 99 Claremont ave.                  |
| Weinstein, J. W. Clin. Asst.                   |                                      | V. C.    | 16 E. 96                           |
| Weir, R. F. Emer. Prof. †                      |                                      |          | 30 W. 50                           |
| Weiser, Lucy H. Tr.                            |                                      | H. M. S. | 503 W. 121                         |
| Weisman, C. Asst.                              |                                      | P. & S.  | 1777 Broadway                      |
| Weiss, J. J. Clin. Asst.                       |                                      | V. C.    | 998 Union ave.                     |
| Wells, Eleanor Asst.                           |                                      | T.       | 416 W. 118                         |
| Wells, J. S. C. Ret. Asst. Prof.               |                                      |          |                                    |
| Welzmler, L. H. Ext. T.                        |                                      |          | 318 W. 57                          |
| Wendell, G. V. Prof. †                         |                                      | 303 F.   | 450 Riverside dr.                  |
| Wenk, Ethel Tr.                                |                                      | H. M. S. | Great Neck, L. I.                  |
| Weul, H. L. Instr.                             |                                      | P. & S.  | 1777 Broadway                      |
| Wheeler, Elizabeth H. Recorder<br>of Med. Sch. |                                      | P. & S.  | 13 E. 124                          |

| Name                                          | Office Hours                   | Office    | Residence                                    |
|-----------------------------------------------|--------------------------------|-----------|----------------------------------------------|
| Wheelwright, J. S. Assoc.                     | (Absent on leave)              | P. & S.   | 515 Madison ave.                             |
| Whipple, A. O. Assoc.                         |                                | P. & S.   | 178 E. 70                                    |
| White, Bessie S. Instr.                       | M. 11-12                       | 301 H. A. | 423 W. 120                                   |
| White, C. H. Lect. †                          |                                | T.        | 132 E. 17                                    |
| White, E. W. Instr.                           |                                | P. & S.   | 325 West End ave.                            |
| White, J. W. Instr.                           |                                | P. & S.   | 139 E. 37                                    |
| Whiting, Margaret Asst. to<br>Social Director | Daily 9:30-11:30;<br>5:30-6:15 | Whittier  | Whittier                                     |
| Whitley, Mary T. Asst. Prof.                  | M. W. F. 2;<br>T. Th. 11       | 337 Macy  | 548 Riverside dr.                            |
| Whitman, A. R. Instr.                         | Daily 9-10; 1-2;<br>4-5        | 603 A.    | 430 W. 118                                   |
| Wiethan, M. Josephine Lect.                   | Daily 11-12                    | T.        | 70 Morningside dr.                           |
| Wilcox, H. B. Instr. †                        |                                | P. & S.   | 39 E. 75                                     |
| Wilkins, L. A. Ext. T.                        |                                |           | 598 W. 191                                   |
| Wilkinson, G. T. Instr. †                     | Daily 9:30-10;<br>12-1         | 310 Hm.   | 561 W. 189                                   |
| Williams, Blanche C. Ext. T.                  |                                |           | 509 W. 121                                   |
| Williams, H. B. Asst. Prof. †                 | (Absent on leave)              | P. & S.   | Riverside, Conn.                             |
| Williams, J. M. Instr.                        |                                | Phar.     | 1105 Lincoln pl.,<br>Bklyn.                  |
| Williams, R. H. Tr. †                         |                                | H.M.B.S.  | 509 W. 121                                   |
| Williams, T. Prof. †                          | M. W. 3-4                      | 205 J.    | 423 W. 117                                   |
| Williams, W. R. Assoc. Prof. †                |                                | P. & S.   | 67 W. 85                                     |
| Williamson, Effie M. Tr.                      |                                | L. S.     | 417 W. 120                                   |
| Willis, H. P. Prof. †                         | M. 11;<br>F. 10                | J.        | 215 Prospect ave.,<br>New Brighton,<br>S. I. |
| Wilmot, Ruth Instr.                           | T. Th. 12-12:30                | 305 H. A. | 25 Claremont ave.                            |
| Wills, A. P. Prof.                            | (Absent on leave)              |           | 635 W. 115                                   |
| Wilson, E. B. Prof. †                         | T.-F. 11-12                    | 608 S.    | 411 W. 114                                   |
| Wilson, M. Florence Lib'n Nat.<br>Sci. Lib.   | (Absent on leave)              |           | 618 W. 114                                   |
| Wilson, W. H. Assoc. †                        | T. 4; W. F. 11                 | 317 T.    | 416 W. 122                                   |
| Wimmer, C. P. Assoc. Prof. †                  |                                | Phar.     | 515 W. 139                                   |
| Winchell, Cora M. Asst. Prof.                 | M. 10-11; W. 1-2               | 112 H. A. | 176 Elm ave., Mt.<br>Vernon                  |
| Winchell, Florence E. Tr.                     |                                | L. S.     | 176 Elm ave., Mt.<br>Vernon                  |
| Winslow, C.-E. A. Lect.                       |                                | T.        | New Haven, Conn.                             |
| Winslow, Emma A. Lect.                        | M. 1-2                         | 119 H. A. | West View Park,<br>Riverside, Conn.          |
| Wise, F. Instr.                               |                                | P. & S.   | 24 W. 59                                     |
| Woglom, W. H. Assoc. Prof. †                  |                                | C. R. L.  | 110 Morningside dr.                          |
| Wolff, S. L. Ext. T.                          |                                |           | 90 Morningside dr.                           |
| Wolfson, M. Instr.                            |                                | Phar.     | 68 W. 113                                    |
| Woliung, Lydia A. Tr.                         |                                | L. S.     | 106 Morningside dr.                          |
| Woll, F. A. Ext. T.                           |                                |           | City College                                 |
| Wood, F. C. Dir. Cancer<br>Research †         |                                | C. R. L.  | 200 W. 56                                    |
| Wood, La Vergne Tr.                           |                                | H. M. S.  | 415 W. 118                                   |

# D I R E C T O R Y   O F   O F F I C E R S

| Name                                                     | Office Hours                                     | Office            | Residence                               |
|----------------------------------------------------------|--------------------------------------------------|-------------------|-----------------------------------------|
| Wood, T. D. Prof. and Coll.<br>Physician T. C. †         | Daily 9-10:30; M.<br>W. F. 3-4; T.<br>Th. 2-3:30 | 157 Th.           | 501 W. 120                              |
| Woodbridge, F. J. E. Prof. and<br>Dean Grad. Faculties † | M. T. W. F. 11-12; 321 U.<br>T. 2-4              |                   | Montrose                                |
| Woodhull, J. F. Prof. †                                  | T. 11                                            | 413 T.            | 612 Van Cortlandt<br>Park ave., Yonkers |
| Woodruff, I. O. Instr.                                   |                                                  | P. & S.           | 152 W. 78                               |
| Woodworth, R. S. Prof. †                                 | M. W. F. 11                                      | 413 S.            | Montrose                                |
| Woolhouse, T. L. Ext. T.                                 |                                                  |                   | 55 Liberty                              |
| Wormser, I. M. Ext. T.                                   |                                                  |                   | 281 Edgecombe ave.                      |
| Wren, A. A. Instr.                                       |                                                  | P. & S.           | 547 W. 147                              |
| Wright, A. H. Asst. †                                    | M.-F. 11-12                                      | 611 Hv.           | 431 W. 121                              |
| Wright, E. H. Asst. Prof. †                              | M. W. 4-5                                        | 606 P.            | 880 W. 181                              |
| Wright, J. J. Instr.                                     | Daily 2-2:30                                     | 509 J.            | 50 Baldwin st.,<br>Newark, N. J.        |
| Wright, Lula E. Asst.                                    |                                                  | L. S.             | Furnald                                 |
| Wye, Theodora E. Ext. T.                                 |                                                  |                   | 44 Morningside dr.                      |
| Yarmolinsky, A. Ext. T.                                  |                                                  |                   | N. Y. Pub. Library                      |
| Yeomans, F. C. Instr. †                                  |                                                  | P. & S.           | 171 W. 71                               |
| Yohannan, A. Lect. †                                     | W. S. 2-4                                        | P.                | 557 W. 124                              |
| Young, C. H. Prof. †                                     | T. W. 4:30-5:30<br>W. F. 10                      | 711 P.<br>703 Hm. | 312 W. 88                               |
| Young, J. L. Prof.                                       |                                                  |                   | 576 Fifth ave.                          |
| Yunck, Bernadine M. Instr.                               | T. 11-11:30                                      | 254 Th.           | 419 W. 119                              |
| Zanetti, J. E. Asst. Prof. †                             | (Absent on leave)                                |                   |                                         |
| Zastrow, F. A. Instr.                                    |                                                  |                   | 115 Bway.                               |
| Zelaya, A. Clin. Asst.                                   |                                                  | V. C.             | 241 W. 102                              |
| Zinsser, H. Prof. †                                      | (Absent on leave)                                |                   | 320 W. 104                              |
| Zoller, H. P. Ext. T.                                    |                                                  |                   | 556 W. 150                              |
| Zuckerman, J. Asst.                                      |                                                  | P. & S.           | 162 W. 54                               |



# Directory of Students

The italic letter following the name indicates the school in which the student is primarily registered—as follows:

|                                                                       |                                                        |
|-----------------------------------------------------------------------|--------------------------------------------------------|
| <i>a</i> School of Architecture                                       | <i>m</i> School of Medicine                            |
| <i>b</i> Barnard College                                              | <i>mec</i> Schools of Mines, Engineering and Chemistry |
| <i>bu</i> School of Business                                          | <i>pa</i> School of Practical Arts (Teachers College)  |
| <i>c</i> Columbia College                                             | <i>ph</i> College of Pharmacy                          |
| <i>e</i> Extension Teaching                                           | <i>uncl</i> Unclassified University Student            |
| <i>ed</i> School of Education (Teachers College)                      | <i>S.A.T.C.</i> Student Army Training Corps            |
| <i>gr</i> Faculties of Philosophy, Political Science and Pure Science | <i>A. S. N.</i> Army School of Nursing                 |
| <i>i</i> School of Journalism                                         |                                                        |
| <i>l</i> School of Law                                                |                                                        |

The symbol *gr ed* indicates a graduate student in the School of Education.

The names of women are indicated by a dagger (†).

'Hartley', 'Livingston', 'Furnald', 'Brooks', and 'Whittier' refer to the University Residence Halls.

This is a directory of all who have filed registration blanks; subsequent withdrawals have not been considered.

For names of students not in Directory, see Class lists in Annual Catalogue, and for addresses consult card index in Office of Registrar.

|                                |                              |                              |                         |
|--------------------------------|------------------------------|------------------------------|-------------------------|
| Aaronsohn, R. † <i>gr</i>      | 607 W. 115                   | Abrahams, H. B.              | S. A. T. C.             |
| Aaronson, E. † <i>e</i>        | 145 W. 111                   | Abrahams, I. M.              | S. A. T. C.             |
| Aaronson, R. E. † <i>e</i>     | 520 W. 123                   | Abrahams, M. <i>e</i>        | 530 W. 136              |
| Abbot, F. S.                   | S. A. T. C.                  | Abrahams, M. <i>e</i>        | 530 W. 136              |
| Abbott, E. E. † <i>e</i>       | 319 W. 95                    | Abramoff, S. D. <i>e</i>     | 88 W. 103               |
| Abbott, H. † <i>e</i>          | 225 W. 14                    | Abramowitz, B. R. † <i>e</i> | 32 Ridge                |
| Abbott, L. S. † <i>e</i>       | 255 W. 97                    | Abrams, M. † <i>pa</i>       | Whittier                |
| Abbott, R. † <i>e</i>          | 998 Amsterdam ave.           | Abramson, B. † <i>e</i>      | 725 W. 178              |
| Abe, L. T.                     | S. A. T. C.                  | Abramson, E. † <i>e</i>      | 184 Eldridge            |
| Abeel, H. I. † <i>e</i>        |                              | Abramson, H.                 | S. A. T. C.             |
|                                | 3 Lenox ave., White Plains   | Abramson, E. † <i>e</i>      | 184 Eldridge            |
| Abel, P.                       | S. A. T. C.                  | Abramson, H. <i>e</i>        | 287-289 Henry           |
| Abell, K. F. † <i>gr ed</i>    |                              | Abramson, H. A.              | S. A. T. C.             |
|                                | 16 Sand, Port Chester, N. Y. | Accarino, F. J. <i>c</i>     | 53 Columbus ave.        |
| Abeloff, A. J. <i>c</i>        | 307 W. 112                   | Acker, B. A. <i>e</i>        | 113 Waverly pl.         |
| Abelson, A. <i>e</i>           | 216 W. 102                   | Ackerman, A. † <i>pa</i>     | Hillsdale, N. J.        |
| Aberman, R.                    | S. A. T. C.                  | Ackerman, N. J.              | Naval Unit              |
| Abernathy, C. B. G. † <i>e</i> |                              | Ackerman, M. L. † <i>e</i>   |                         |
|                                | 232 Warburton ave., Yonkers  |                              | 68 Atlantic, Hackensack |
| Abrahams, A. E.                | S. A. T. C.                  | Ackerman, R. J.              | S. A. T. C.             |
| Abrahams, E. L. † <i>b</i>     | 107 E. 80                    | Ackerman, R. V.              | S. A. T. C.             |
| Abrahams, E. R. † <i>e</i>     | 336 W. 88                    | Ackroyd, D. † <i>e</i>       | 523 E. 121              |
| Abrahams, H. A.                | S. A. T. C.                  | Adae, C. F. B.               | S. A. T. C.             |

- Adams, E. F. S. A. T. C.  
 Adams, E. R. † *b* 314 W. 114  
 Adams, F. R. S. A. T. C.  
 Adams, F. P. *c* 325 Clinton ave., Bklyn.  
 Adams, G. E. † *pa* 501 Lafayette ave., Bklyn.  
 Adams, H. † *pa* Whittier  
 Adams, K. † *e* 527 W. 121  
 Adams, L. F. † *b* 606 W. 116  
 Adams, M. † *e* 39 W. 190  
 Adams, M. *c* 255 Sumner ave., Bklyn.  
 Adams, S. † *pa* 126 Ryerson, Bklyn.  
 Adams, W. J. *e* Irvington  
 Addis, D. W. † *e* 18 Summit ave., Mount Vernon  
 Addison, M. A. C. W. † *e* 304 E. 20  
 Addoms, R. M. S. A. T. C.  
 Adelman, S. S. A. T. C.  
 Aderer, R. *e* 324 W. 100  
 Adler, M. S. A. T. C.  
 Adler, M. J. *e* 3544 Broadway  
 Adler, P. Naval Unit  
 Adlerberg, G. *m* 21 First ave.  
 Adlerberg, M. *e* 21 First ave.  
 Aebli, R. *c* 457 West, W. Hoboken  
 Agate, B. C. † *e* 2983 Perry ave.  
 Agersborg, H. P. K. *gr* 425 Convent ave.  
 Agnew, M. G. † *gr* 417 W. 114  
 Ahern, A. † *e* St. Johns Hospital, Long Island City  
 Ahrenholz, F. L. † *gr* 467-13, Bklyn.  
 Ahrens, E. M. † *b* 1547 Brooklyn ave., Bklyn.  
 Aiken, J. F. S. A. T. C.  
 Aiken, L. E. † *e* 415 W. 118  
 Aine, J. *m* 659 Morris Park ave.  
 Ainslie, K. M. † *pa* 620 W. 122  
 Aitoro, P. P. *ph* 61 Park Hill ave., Yonkers  
 Akamatsu, P. *gr* 102 W. 123  
 Akers, M. H. † *ed* 78 State, Hackensack  
 Akerstrom, W. O. *e* 1350 Ogden ave.  
 Albers, R. A. † *e* 1367 Union, Bklyn.  
 Albert, H. S. A. T. C.  
 Albert, S. *ph* 1057 Boston rd.  
 Albert, W. S. A. T. C.  
 Albrecht, C. † *pa* Whittier  
 Albrecht, L. D. † *gr ed* Whittier  
 Albright, A., 3rd Naval Unit  
 Albright, M. DeL. † *gr* 430 W. 118  
 Alden, E. H. † *pa* Whittier  
 Alderman, I. S. *m* 239 George, New Haven, Conn.  
 Aldous, B. L. † *pa* 312 Gregory ave., Passaic  
 Aldrich, M. E. † *pa* Whittier  
 Aldridge, R. H. † *pa* Grantwood  
 Alexander, A. M. † *e* 927-5th  
 Alexander, E. † *e* 250 Riverside dr.  
 Alexander, E. M. † *e* 420 W. 121  
 Alexander, S. L. *c* 327 Central Park W.  
 Alexandre, E. S. *e* 32 Garden pl., Bklyn.  
 Alfke, A. † *b* 1 W. 18  
 Alford, W. J. S. A. T. C.  
 Alford, H. W. Naval Unit  
 Allan, A. C. † *e* 502 W. 141  
 Allard, L. E. † *ed* 930 Park ave.  
 Allen, A. V. † *e* 162 W. 122  
 Allen, B. † *gr* 414 W. 118  
 Allen, C. E. † *e* 135 E. 52  
 Allen, F. A. † *pa* Whittier  
 Allen, G. A. † *ed* 226 Westchester ave., Mt. Vernon  
 Allen, H. B. *gr ed* Leonards, N. J.  
 Allen, I. V. † *ed* 527 W. 121  
 Allen, L. M. † *gr ed* Mineola  
 Allen, M. A. † *gr* Whittier  
 Allen, W. H. *e* Woodlawn, Woodhaven  
 Alling, E. L. *m* 1116 Amsterdam ave.  
 Allinson, O. † *e* 609 W. 114  
 Allinson, Z. † *pa* 609 W. 114  
 Allison, E. R. S. A. T. C.  
 Allyn, E. † *e* 49 Claremont ave.  
 Almon, R. *m* 239 E. 7  
 Almy, A. C. † A. S. N.  
 Alper, A. *e* 164 Madison  
 Alper, A. T. *e* 17 W. 108  
 Alpers, A. B. † A. S. N.  
 Alsop, G. F. † *e* 53 Washington sq.  
 Alter, M. B. † *e* 114 E. 71  
 Alterman, L. B. S. A. T. C.  
 Altman, R. P. † *gr* 39 N. Burnett, E. Orange  
 Altschul, F. J. M. *e* 416 W. 122  
 Alven, A. M. † *e* 406 Mountain rd., W. Hoboken  
 Alzamora, I., Jr. *l* 320 W. 91  
 Amadeo, T. † *ed* Whittier  
 Amazon, P. *c* 645 Stone ave., Bklyn.  
 Ambrose, A. *m* 71 Congress, Newark  
 Amdur, L. S. A. T. C.  
 Amdur, M. Naval Unit  
 Amelkin, S. S. *c* 244 Boerum, Bklyn.  
 Amendola, R. V. Naval Unit  
 Amerman, A. M. W. † *e* 435 W. 119  
 Ames, M. † *e* 3495 Broadway

- Amill, L. A. *m* 346 W. 57  
 Ammermuller, G. V. † *b* 420 W. 130  
 Amos, H. C. S. A. T. C.  
 Amsel, M. R. *m* Bridgeport, Conn.  
 Amson, S. M. † *e* 2694 Valentine ave.  
 Amundsen, M. J. † *ed* 439 W. 123  
 Anders, J. C. *c* 410 W. 115  
 Anderson, C. A. S. A. T. C.  
 Anderson, E. C. Naval Unit  
 Anderson, E. L. *m* 503 W. 121  
 Anderson, G. M. † *gr ed*  
 265 Madison, Bklyn.  
 Anderson, K. B. † *pa* Whittier  
 Anderson, M. † *e*  
 82 Pangborn pl., Hackensack  
 Anderson, O. J. S. A. T. C.  
 Anderson, R. M. † *e* 137 E. 21  
 Anderson, R. N. S. A. T. C.  
 Anderson, W. F. S. A. T. C.  
 Anderson, W. R., Jr. *j* 558 W. 113  
 Andr  evski, I. S. *gr* 296 West End ave.  
 Andr  evski, L. B. † *e* 296 West End ave.  
 Andrews, D. Z. S. A. T. C.  
 Andrews, E. † *e* 1382 Boston rd.  
 Andrews, H. F. † *b*  
 32 Hamilton ave., New Rochelle  
 Andrews, L. L. † *b* 220 W. 107  
 Andrews, M. T. † *ed* Closter, N. J.  
 Andrews, P. W. † *pa*  
 65 Jefferson ave., Bklyn.  
 Andrews, S. E. † *e* 209 W. 13  
 Andrews, S. M. † *ed* Bridgeport, Conn.  
 Andrews, W. S. *gr* 1 W. 54  
 Andriopoulis, N. *c* 148 W. 67  
 Andryszak, B. *e* 117 Broad  
 Anello, V. *c* 160 Lorimer, Bklyn.  
 Angell, M. J. † *pa*  
 45 Dewey ave., New Rochelle  
 Anger, G. † *gr ed* 72 E. 122  
 Angrist, H. S. A. T. C.  
 Angus, W. N. *c* 161 W. 105  
 Anker, D. F. † *e* 45 Thomas, Newark  
 Anna, Sister M. † *e*  
 Mt. St. Mary's Coll., Plainfield  
 Anopol, A. † *e* 502 W. 139  
 Ansanelli, V. M. † *ed* 2155 Hughes ave.  
 Ansel, C. A. † *e*  
 476 Park ave., Weehawken  
 Ansley, M. L. *ed* 135 E. 52  
 Anthony, F. M. † *e* 523 W. 121  
 Anthony, M. E. † *b* Brooks  
 Anthony, R. † *e* 200 W. 70  
 Antonelli, V. *e* 226 E. 106  
 Anttonen, M. *e*  
 27 Bergen ave., Jersey City  
 Anzel, S. S. *e* 547 E. 171  
 Apfel, J. R. *c* 322 E. 4  
 Apfel, L. *e* 1722 Union, Bklyn.  
 Apfel, S. J. *m* 111 Rivington  
 Apgar, N. J. † *gr ed*  
 526 Lenox ave., Westfield, N. J.  
 Apisdorf, A. K. *m*  
 426 Seventh ave., Bklyn.  
 Appelbaum, N. *e* 1566 Hoe ave.  
 Applebaum, F. † *e* 212 ave. B  
 Appell, P. H. S. A. T. C.  
 Appleton, M. S. † *e* 26 E. 80  
 Appert, E. M. † *e* Allendale  
 Applegate, H. G. † *pa* Roslyn, N. Y.  
 Applegate, M. † *pa* Furnald  
 Apter, A. *m* 508 W. 134  
 Aquaro, V. *ph* 363 Humboldt., Bklyn.  
 Araki, B. *gr* 312 W. 109  
 Araki, F. S. *e* 10 E. 14  
 Araki, S. *gr* 102 W. 123  
 Arason, S. *ed* 521 W. 123  
 Arbiter, H. *c* 30 Hawthorne ave., Yonkers  
 Arbogast, M. G. † *pa*  
 106 Morningside dr.  
 Arbuckle, M. B. † *e* 160 Claremont ave.  
 Archer, F. M. † *e* 44 Morningside dr  
 Archer, H. B. *m* 1330 Franklin ave.  
 Archer, I. *e* Y. M. C. A. 37  
 Archibald, M. L. † *b* Whittier  
 Archinal, W. J. S. A. T. C.  
 Arena, D. *ph* 542 E. 178  
 Arena, J. *l* 2156 Bathgate ave.  
 Arent, L. † *gr* Furnald  
 Argue, E. L. † *pa* 2328 Andrews pl.  
 Argue, L. † *gr* 523 W. 121  
 Argueson, L. M. Naval Unit  
 Arias, D. E. † *pa* Whittier  
 Arkin, F. † *e* 132 W. 121  
 Arkins, M. L. † *b* 610 Riverside dr.  
 Arlinghaus, E. M. † *ed* 120 Liberty  
 Arm, S. † *e* 1061 Trinity ave.  
 Armengol, J. M. *c* 330 W. 58  
 Armhous, H. S. S. A. T. C.  
 Armstrong, C. G. *m* 266 W. 72  
 Armstrong, E. † *gr*  
 277 Ege ave., Jersey City  
 Armstrong, E. H. † *b* 32 E. 61  
 Armstrong, M. G. † *e* 720 W. 180  
 Armstrong, R. H. *c* 114 W. 118  
 Aranarson, G. *c* 129 Lexington ave.  
 Arnett, A. M. *gr* 110 Morningside dr.

- Arnheim, E. E. S. A. T. C.  
 Arnold, C. D. † *ed* 370 Madison, Bklyn.  
 Arnold, F. W. Naval Unit  
 Arnold, H. A. † *pa* 370 Madison, Bklyn.  
 Arnold, S. S. A. T. C.  
 Arnstein, R. R. *e*  
 440 Gregory ave., W. Orange  
 Aronovitz, B. *c* 1581 First ave.  
 Aronowitz, L. J. S. A. T. C.  
 Aronowsky, S. † *e* 1073 Fulton, Bklyn.  
 Aronson, P. L. Naval Unit  
 Aronstamm, T. † *e* 1566 Vyse ave.  
 Arpin, L. T. S. A. T. C.  
 Arra, L. M. † *e*  
 608 Valley rd., Upper Montclair  
 Arrott, C. R. *e* 159 W. 85  
 Arvay, M. † *e* 127 Hudson, Hoboken  
 Arya, S. P. Y. S. Union Theo. Seminary  
 Arzt, M. *gr* 132 Essex  
 Asch, J. S. A. T. C.  
 Asch, R. S. A. T. C.  
 Ascher, C. S. S. A. T. C.  
 Ash, R. F. *e* 627 W. 113  
 Ashland, M. A. † *e*  
 426 Sterling pl., Bklyn.  
 Ashley, H. C. † *b* 346 Lexington ave.  
 Ashley, H. C. *c* 346 Lexington ave.  
 Ashraf, G. M. † *gr ed* Teachers College  
 Ashwood, C. S. A. T. C.  
 Assanakis, G. K. *e* 2100 Second ave.  
 Aste, P. A. † *e* 2606 Mansfield pl., Bklyn.  
 Aston, A. S. A. T. C.  
 Astrachan, M. *m* 9 Douglas, Jamaica  
 Astrom, A. S. A. T. C.  
 Astrowe, P. S. *m* 233 E. 12  
 Atha, A. A. S. A. T. C.  
 Atterbury, M. † *gr ed*  
 119 and Amsterdam ave.  
 Atwood, E. E. † *gr ed* 434 W. 120  
 Aucamp, A. J. † *gr ed* 523 W. 121  
 Auerbacher, L. J. S. A. T. C.  
 Aufses, A. H. *c* 118 E. 73  
 Augenstern, H. S. A. T. C.  
 Aukamp, F. M. S. A. T. C.  
 Auster, L. S. *m* 49 St. Nicholas terr.  
 Austin, E. L. † *gr ed* Whittier  
 Austin, M. H. † *ed* Ridgewood, N. J.  
 Austin, R. † *e* Whittier  
 Austin, R. A. S. A. T. C.  
 Austin, R. B., Jr. S. A. T. C.  
 Austrian, S. *e* 1047 Home  
 Autonides, E. H. S. A. T. C.  
 Au-Young, S. N. *gr* 507 W. 112
- Avery, E. I. † *gr ed* 537 W. 121  
 Avirett, M. G. † *e* 41 Seventh ave., Bklyn.  
 Axel, T. † *e* 250 W. 129  
 Axford, C. B. S. A. T. C.  
 Ayer, G. E. † *pa* 514 W. 122  
 Aylward, A. E. † *e* 450-58th, Bklyn.  
 Aymar, M. A. † *e* 168 Waverly pl.  
 Ayres, A. B. † *j* 110 Morningside dr.  
 Ayres, C. W. S. A. T. C.  
 Ayres, L. B. † *e* 110 Morningside dr.  
 Ayusawa, I. F. *gr* Union Theo. Seminary  
 Azadian, A. H. *ed* 534 W. 124  
 Baack, E. C. S. A. T. C.  
 Babb, H. H. † *ed* 1230 Amsterdam ave.  
 Babb, L. V. † *pa* 3089 Broadway  
 Babb, A. S. A. T. C.  
 Babbitt, K. N. † *e*  
 675 S. Belmont ave., Newark  
 Babcock, G. W. *gr ed*  
 180 Stanley pl., Hackensack  
 Babcock, H. S. B. † *ed* 530 W. 123  
 Babcock, M. R. † *e*  
 19 Arlington Pl., Bklyn.  
 Babcock, W. E., Jr. Naval Unit  
 Bach, M. G. *gr* Livingston  
 Bachkoff, J. S. A. T. C.  
 Bachrach, A. R. Naval Unit  
 Bachrach, F. † *gr ed* 224 E. Tremont ave.  
 Bachrach, I. † *e*  
 17 Monroe pl., Portchester  
 Baczynski, J. M. *bu* 505 W. 134  
 Bader, G. B. *m* 224 W. 79  
 Bader, J. *e* 467 Columbus ave.  
 Bader, L. † *e* 467 Columbus ave.  
 Bader, R. G. † *e* 50 E. 41  
 Baehr, I. *e*  
 7412 New Utrecht ave., Bklyn.  
 Baer, I. C. † *b* 606 W. 116  
 Baer, L. H. S. A. T. C.  
 Baer, M. † *b*  
 223 Westchester ave., Mt. Vernon  
 Baëza, M. A. † *pa* 839 West End ave.  
 Bagley, R. G. † *gr ed* 420 W. 116  
 Bagster-Collins, A. H. S. A. T. C.  
 Bagster-Collins, R. D. *c* 614 W. 113  
 Bahernburg, T. M. S. A. T. C.  
 Bailey, A. L. † *e*  
 8 Farview ave., New Brighton  
 Bailey, L. H. S. A. T. C.  
 Bailey, T. W. *e* 2344 University ave.  
 Bailey, W. K. S. A. T. C.  
 Baillie, G. F. S. A. T. C.  
 Bain, C. M. † *gr* 60 Guion, New Rochelle



- Bain, M. J. † *e* Whittier  
 Baird, E. B. † *b* 733 South, Elizabeth  
 Baird, W. G. Naval Unit  
 Baiser, A. *ph* 178 E. 2  
 Baker, D. E. † *pa* Whittier  
 Baker, E. † *e* 701 Madison, Bklyn.  
 Baker, E. F. † *g* 24 E. 8  
 Baker, F. C. *gr* 509 W. 121  
 Baker, G. B. † *gr* Whittier  
 Baker, J. L. *a* 140 W. 105  
 Baker, J. P. *m* 94 Livingston  
 Baker, L. K. S. A. T. C.  
 Baker, M. L. † *ed*  
 51 Guion, New Rochelle  
 Baker, M. M. † *gr ed* 418 W. 118  
 Baker, P. E. *gr* 600 W. 122  
 Baker, T. W. 509 W. 121  
 Baker, W. L. S. A. T. C.  
 Balaban, A. *j* 509 W. 41  
 Baldridge, A. O. R. Naval Unit  
 Baldwin, E. M. † *b*  
 20 Bridge, Hackensack  
 Baldwin, E. M. † *ed*  
 567 Warren, Newark  
 Baldwin, H. L. † *ed*  
 74 Gerry ave., Elmhurst  
 Baldwin, J. F., Jr. *e*  
 526 N. Grove, E. Orange  
 Baldwin, L. A. † *e* 400 W. 118  
 Baldwin, L. C. *m* Livingston  
 Baldwin, M. † *gr* 435 W. 119  
 Baldwin, M. F. † *e* 416 W. 122  
 Balestro, L. M. Naval Unit  
 Ball, G. F. † *e*  
 101 Hendricks ave., New Brighton  
 Ball, G. M. † *b* 620 W. 116  
 Ball, H. E. † *b* Brooks  
 Ball, I. G. † *ed* 419 W. 115  
 Ball, J. M. † *b* 606 W. 116  
 Ballantyne, M. E. † *pa*  
 1230 Amsterdam ave.  
 Ballew, Z. Z. † *ed* 135 E. 52  
 Ballot, J. E. † *b*  
 913 President, Bklyn.  
 Ballou, E. LaV. † *ed*  
 106 Morningside dr.  
 Bally, T. O. † *pa*  
 33 Broad, Cranford, N. J.  
 Balmaseda, E. † *ed* 1230 Amsterdam ave.  
 Balson, Z. D. B. *m* 47 Boston, Newark  
 Baltzel, I. † *e* 100 Park, Ridgefield Pk.  
 Bamdas, B. *e* 530 W. 136  
 Bancker, M. † *gr* 4 St. Paul's ct., Bklyn.  
 Bang, T. J. † *e* Furnald  
 Banine, J. T. *gr* 1626 Lexington ave.  
 Banker, C. E. † *ed*  
 447 Ft. Washington ave.  
 Banks, A. K. † *pa* Furnald  
 Banton, L. G. *m* 437 W. 59  
 Baptiste, P. S. *c* 17 E. 87  
 Baranoff, H. † *b* 535 W. 162  
 Barach, A. L. *m* 901 Prospect ave.  
 Barasch, J. S. A. T. C.  
 Barasch, M. *e* 1041 Hoe ave.  
 Barash, L. *m* 77 E. 4  
 Baratta, A. F. *c* 207 E. 126  
 Barber, C. † *gr ed* 324 Pleasant ave.  
 Barber, E. † *e* 1076 Anderson ave.  
 Barber, G. H. *m* 57 S. Oxford, Bklyn.  
 Barber, G. T. † *pa* 3100 Broadway  
 Barber, H. R. † *e* 309 W. 99  
 Barber, H. C. S. A. T. C.  
 Barbieri, T. *c* 7-9 King  
 Barclay, B. F. † *b* 5 E. 78  
 Barcus, H. H. *e* 15 Kenmore pl., Bklyn.  
 Bardenheuer, C. E. † *e*  
 628-8th, College Point  
 Barghoorn, E. S. † *e*  
 239 Flushing ave., L. I. City  
 Barish, S. † *e*  
 Naval Unit  
 Barish, T. 58 Herberton ave., Port Richmond  
 Barit, H. † *e* 25 E. 99  
 Barker, B. B. † *e*  
 572 Palisade ave., Grantwood  
 Barker, D. M. † *bu* Whittier  
 Barker, O. S. † *pa* 15 Clark, Bklyn.  
 Barlow, A. W. † *e* 434 W. 120  
 Barnaby, C. C. † *pa* 91 E. 18, Bklyn.  
 Barnard, V. G. † *pa*  
 454 Ft. Washington ave.  
 Barnes, C. R. *gr* General Theo. Seminary  
 Barnes, F. A. D. Naval Unit  
 Barnes, F. V. † *e* 762 Ave. C, Bayonne  
 Barnes, J. S. † *e* 41 Park, Montclair  
 Barnes, R. C. *e* 27 Union pl., Yonkers  
 Barnes, R. L. S. A. T. C.  
 Barnett, M. † *pa* 606 W. 113  
 Barnewall, E. A. † *gr ed* 2016 Seventh ave.  
 Barnewall, M. A. † *gr ed*  
 2016 Seventh ave.  
 Barney, L. M. † *pa* Whittier  
 Barnum, P. E. † *pa* 620 W. 122  
 Baron, B. † *e* 508 W. 114  
 Baron, J. † *bu* 5001-15th, Bklyn.  
 Baron, L. † *e* 4506 Twelfth ave., Bklyn.

- Baron, M. S. A. T. C.  
 Barovick, S. H. *m* 948 Fox  
 Barr, B. S. S. A. T. C.  
 Barr, O. O. *gr ed*  
 237 Stevens ave., South Amboy, N. J.  
 Barras, M. *gr* 80 E. 111  
 Barrett, M. H.  $\dagger e$  272 W. 86  
 Barrington, A. L.  $\dagger e$  3089 Broadway  
 Barrington, A. L.  $\dagger b$  3089 Broadway  
 Barrington, M. L.  $\dagger b$  3089 Broadway  
 Barrow, M. A.  $\dagger e$  529 W. 135  
 Barrows, B. E.  $\dagger ed$  2940 Broadway  
 Barrus, L. W.  $\dagger gr ed$  519 W. 121  
 Barry, C. A.  $\dagger b$   
 109 Franklin, Jersey City  
 Barry, M. B. *gr* Horace Mann School  
 Barsky, E. *m* 206 Hewes, Bklyn.  
 Barst, B. *ph* 28 E. 114  
 Barten, H. M.  $\dagger b$  1678-1st ave.  
 Bartha, N. P. *c* 353 E. 56  
 Bartholomew, A. J. *gr ed* Summit, N. J.  
 Bartley, M. L.  $\dagger pa$  Whittier  
 Barto, H. T.  $\dagger gr ed$   
 1230 Amsterdam ave.  
 Barton, G. E.  $\dagger e$  32 Irving pl., Passaic  
 Barton, H. C.  $\dagger b$  431 W. 121  
 Barton, M. E.  $\dagger b$  Brooks  
 Baruch, B. *gr ed* 277 Albany ave., Bklyn.  
 Baruch, M. S. S. A. T. C.  
 Baruch, S. R.  $\dagger e$  1472 Carroll, Bklyn.  
 Baschkoff, J. W. S. A. T. C.  
 Bash, M. I.  $\dagger gr ed$  135 E. 52  
 Bashook, A. *ph* 66 W. 116  
 Bashwitz, H.  $\dagger e$  210 Riverside dr.  
 Baskette, S. B.  $\dagger pa$  106 Morningside dr.  
 Basmadjian, K. *ed* Union Theo. Seminary  
 Basmadjian, Y. H. *gr ed* 120 W. 49  
 Bass, B.  $\dagger e$  106 E. 52  
 Basset, E.  $\dagger e$  527 W. 121  
 Bassett, A. C. S. A. T. C.  
 Bassett, K. E.  $\dagger ed$  304 N. Broad, Newark  
 Bassler, K. R.  $\dagger b$  Brooks  
 Basso, J. J. *c* 540 E. 76  
 Bates, L. L.  $\dagger b$  Brooks  
 Bates, M. B.  $\dagger pa$  Whittier  
 Battaglia, J. *e* 179 Montrose ave., Bklyn.  
 Batten, A. G. S. A. T. C.  
 Battreall, E.  $\dagger pa$  320 W. 107  
 Bau, M. J.  $\dagger gr$  600 W. 122  
 Bauer, B. G.  $\dagger e$   
 Beechmont dr., New Rochelle  
 Bauer, C. E. S. A. T. C.  
 Bauer, F. W. *e* 311 W. 141  
 Bauer, J. L. *e* 216 W. 18  
 Bauerberg, L. V.  $\dagger j$  620 W. 122  
 Baum, E. J. *e* 528 W. 111  
 Baum, H. J. L. *e* 528 W. 111  
 Baum, H. P. *ed*  
 Briarcliff Manor, N. Y.  
 Baum, J. C. *ph* 471-45th, Bklyn.  
 Baum, S. M. *m* Randalls Island  
 Bauman, H. *ph* 364 Hinsdale, Bklyn.  
 Bauman, N. M. D. *e* 532 Sackman  
 Bauman, M. M. S. A. T. C.  
 Baumann, A. M.  $\dagger e$  300 West End ave.  
 Baumann, H. G. *e* 535 Pearl  
 Bave, F. B. *e* 280 Madison ave.  
 Baxter, B. P.  $\dagger e$  Collingwood Hotel  
 Baxter, I. R.  $\dagger pa$  4640 Broadway  
 Baxter, M.  $\dagger e$  143 W. 84  
 Baxter, R. H. *m* 575 West End ave.  
 Bay, T. C.  $\dagger b$   
 43 Burnett, Maplewood, N. J.  
 Bayer, E.  $\dagger pa$  1047 Morris ave.  
 Bayles, W. H., Jr. Naval Unit  
 Baylis, J.  $\dagger pa$  Huntington, N. Y.  
 Bazar, D. S. A. T. C.  
 Bazinet, J. L. S. A. T. C.  
 Beach, B. M.  $\dagger bu$  Whittier  
 Beach, M.  $\dagger$  S. A. N.  
 Beach, J.  $\dagger pa$  1104 Ditmas ave., Bklyn.  
 Beal, T. A. *gr* 521 W. 122  
 Beale, E. G.  $\dagger e$  25 Brook, Mt. Kisco  
 Beam, M. E.  $\dagger pa$  Hartsdale  
 Bean, M. W.  $\dagger$  A. S. N.  
 Beanbian, G. H. S. A. T. C.  
 Beane, M. M.  $\dagger pa$   
 342 Bellville ave., Newark  
 Bearden, R. L. S. A. T. C.  
 Beatty, E. L.  $\dagger e$  16 Morningside dr.  
 Beatty, P. F. S. A. T. C.  
 Beaudreau, M.  $\dagger e$  240 W. 4  
 Beaumont, A.  $\dagger e$  530 W. 136  
 Beck, H.  $\dagger pa$  417 Park ave.  
 Beck, I. I. *ph* 417 Miller ave., Bklyn.  
 Beck, R. D. *m* 541 W. 124  
 Becker, A.  $\dagger e$  407 E. Jersey, Elizabeth  
 Becker, A. L. S. A. T. C.  
 Becker, A. R. S. A. T. C.  
 Becker, B. L.  $\dagger b$  145 W. 78  
 Becker, C. W.  $\dagger gr ed$  570 Teasdale pl.  
 Becker, H. R. S. A. T. C.  
 Becker, L. Naval Unit  
 Becker, M. C.  $\dagger gr ed$   
 329 Park ave., Leonia, N. J.  
 Becker, N. D. *e* 526 W. 111

|                              |                                |                               |                                    |
|------------------------------|--------------------------------|-------------------------------|------------------------------------|
| Becker, R. † <i>e</i>        | 468-12th, Bklyn.               | Belsky, M.                    | S. A. T. C.                        |
| Becker, S                    | S. A. T. C.                    | Belt, C. B.                   | S. A. T. C.                        |
| Becker, S. † <i>e</i>        | 330 Highwood ave., Leonia      | Belth, G.                     | S. A. T. C.                        |
| Becker, W. B                 | S. A. T. C.                    | Beltz, G. S. † <i>pa</i>      | 514 W. 122                         |
| Beckett, G. W. <i>e</i>      | 141 Fifth ave.                 | Bender, A.                    | S. A. T. C.                        |
| Beckley, C. H.               | Naval Unit                     | Bender, E. † <i>e</i>         | 1280 Webster ave.                  |
| Beckmann, G. M.              | S. A. T. C.                    | Bendheim, G. † <i>b</i>       | 333 Central Park West              |
| Beckwith, H. A. <i>l</i>     | New Britain, Conn.             | Benedict, A. E. † <i>gr</i>   | Furnald                            |
| Beddall, L. M. † <i>ed</i>   | Furnald                        | Benedict, B. B. † <i>e</i>    | 547 Riverside dr.                  |
| Bedell, J. I. † <i>e</i>     | 512 W. 180                     | Benedict, B. <i>gr</i>        | 141 Washington pl.                 |
| Bedell, L. E. † <i>pa</i>    |                                | Benedict, F. P.               | S. A. T. C.                        |
|                              | 109 Briggs ave., Richmond Hill | Benedict, G. B.               | S. A. T. C.                        |
| Bedrick, D. † <i>e</i>       | 189 W. 100                     | Benedict, M. J. † <i>b</i>    | 130 Claremont ave.                 |
| Beebe, K. † <i>pa</i>        | 425 W. 117                     | Benedict, R. S.               | S. A. T. C.                        |
| Beebe, K. J. <i>c</i>        | 65 Central Park West           | Beney, M. A. † <i>b</i>       | 68 W. 95                           |
| Beecher, E. † <i>ed</i>      | 1230 Amsterdam ave.            | Benham, R. W. † <i>gr</i>     |                                    |
| Beedenbender, H. L.          | S. A. T. C.                    |                               | Cedarhurst ave., Cedarhurst        |
| Beedenbender, L. H. <i>e</i> | West Fort Lee                  | Benioff, R.                   | Naval Unit                         |
| Beekman, T. E. † <i>pa</i>   | 112 Essex, Bklyn.              | Bennet, A. H. † <i>b</i>      | 606 W. 116                         |
| Beem, L. M. † <i>gr ed</i>   | Furnald                        | Bennet, M. S. † <i>e</i>      | 106 Morningside dr.                |
| Beeman, E. M. † <i>e</i>     |                                | Bennett, A. C.                | S. A. T. C.                        |
|                              | 46 W. Sidney ave., Mt. Vernon  | Bennett, B. A. † <i>pa</i>    | 537 W. 121                         |
| Beer, A. E.                  | Naval Unit                     | Bennett, D. A.                | S. A. T. C.                        |
| Beers, G. A. † <i>pa</i>     | 92 Church, Montclair           | Bennett, E. A. † <i>pa</i>    | 448 Riverside dr.                  |
| Begg, F. W.                  | S. A. T. C.                    | Bennett, H. P.                | S. A. T. C.                        |
| Beggs, F. W. † <i>e</i>      | 2287 Loring pl.                | Bennett, L. M. † <i>e</i>     | 537 W. 121                         |
| Beglan, M. † <i>e</i>        | 117 W. 96                      | Bennett, L. M. † <i>e</i>     | 520 W. 123                         |
| Behan, B. K. † <i>e</i>      | Tarrytown                      | Bennett, M. L. † <i>gr ed</i> |                                    |
| Behrman, S. N. <i>gr</i>     | 113 W. 77                      |                               | 403 E. 7, Plainfield               |
| Beil, M. <i>e</i>            | 14 Gates ave., Bklyn.          | Bennett, R. V.                | S. A. T. C.                        |
| Beinoff, R.                  | S. A. T. C.                    | Bennett, V. C. † <i>pa</i>    | 515 W. 122                         |
| Beisel, A. L. † <i>ed</i>    | 301 Henry                      | Benneyan, A. † <i>pa</i>      |                                    |
| Beiswenger, G. A. <i>c</i>   |                                |                               | 9 Colden ave., White Plains        |
|                              | 1533 Commonwealth ave.         | Beno, G. J.                   | Naval Unit                         |
| Beitel, H. S. † <i>e</i>     | 315 W. 94                      | Bense, E. <i>e</i>            | 309 E. 86                          |
| Beith, M. B. † <i>b</i>      | 1994 Anthony ave.              | Bensing, M. F. † <i>ed</i>    |                                    |
| Beitman, A. A. <i>ph</i>     | 1158 S. Broad, Newark          |                               | 14 Summit ave., Summit, N. J.      |
| Beitman, A. H. <i>e</i>      | 528 Riverside dr.              | Benson, D. E. † <i>gr ed</i>  |                                    |
| Belanus, M.                  | S. A. T. C.                    |                               | 266 Atlantic ave., Lynbrook, N. Y. |
| Belcher, F. E. † <i>e</i>    |                                | Benson, H. M. † <i>ed</i>     |                                    |
|                              | 126 S. Eighth ave., Mt. Vernon |                               | 326 Poplar, Roselle, N. J.         |
| Belden, E. A. † <i>ed</i>    | Whittier                       | Bent, J. E. † <i>ed</i>       | 419 W. 118                         |
| Belinkoff, E. † <i>e</i>     |                                | Benton, C. A. † <i>e</i>      | 138 W. 88                          |
|                              | 744 Dewey ave., West New York  | Benton, P. † <i>b</i>         | Brooks                             |
| Belkowsky, R. † <i>e</i>     | 452 Riverside dr.              | Benz, M. C. † <i>b</i>        | Brooks                             |
| Bell, C. F. <i>c</i>         | 551 W. 190                     | Berditchevsky, A. <i>gr</i>   | 839 West End ave.                  |
| Bell, J. E.                  | S. A. T. C.                    | Bere, M. † <i>gr ed</i>       |                                    |
| Bell, K. G.                  | S. A. T. C.                    | Berg, B. N. <i>m</i>          | 437 W. 59                          |
| Bell, L. † <i>gr</i>         | 420 W. 119                     | Berg, H. <i>e</i>             | 595 Greene ave., Bklyn.            |
| Beller, W. C. <i>c</i>       | 51 E. 123                      | Berg, J.                      | S. A. T. C.                        |
| Bellinger, R. A.             | S. A. T. C.                    | Berg, L. J. <i>m</i>          | 248 W. 148                         |
| Bello, J. A. <i>e</i>        | Emerson                        | Berg, O. F.                   | S. A. T. C.                        |
| Belmont, H. A. † <i>ed</i>   | 718 W. 178                     | Bergen, P. F. † <i>e</i>      | 20 Bergen pl., Red Bank            |

|                             |                               |                                   |                             |
|-----------------------------|-------------------------------|-----------------------------------|-----------------------------|
| Berger, A. K. † <i>e</i>    | 430 W. 118                    | Bernstein, I. J.                  | S. A. T. C.                 |
| Berger, M. <i>e</i>         | 745 E. 6                      | Bernstein, L. G.                  | S. A. T. C.                 |
| Berger, M. E.               | S. A. T. C.                   | Bernstein, L. T.                  | S. A. T. C.                 |
| Berger, S. <i>l</i>         | 359 W. 117                    | Bernstein, M.                     | S. A. T. C.                 |
| Berger, W. J. <i>c</i>      | 600 W. 165                    | Bernstein, M. M. <i>c</i>         | 112 Cathedral pkway.        |
| Berges, C. R. † <i>pa</i>   | 35 Grove, White Plains        | Bernstein, P.                     | S. A. T. C.                 |
| Berges, M. L. † <i>pa</i>   | 35 Grove, White Plains        | Bernstein, S. <i>m</i>            | 100 E. 89                   |
| Bergesen, L. R.             | S. A. T. C.                   | Bernstein, S. <i>ph</i>           | 76 Division                 |
| Bergman, H. <i>ph</i>       | 134-2nd                       | Berresford, M. C. † <i>e</i>      | 520 W. 114                  |
| Bergman, M. L. <i>gr ed</i> | 183 Second                    | Berry, A. B. † <i>pa</i>          | 106 Morningside dr.         |
| Bergmann, E. E. † <i>pa</i> | 263-75th, Bklyn.              | Berry, D. † <i>e</i>              | 33 Woodruff ave., Bklyn.    |
| Bergmann, H. † <i>e</i>     | 335-3rd, Union                | Berry, D. G. † <i>b</i>           | 606 W. 116                  |
| Berkley, N. F. † <i>ed</i>  | 161 W. 105                    | Berry, H. † <i>e</i>              | 417 W. 120                  |
| Berkman, E. † <i>e</i>      | 1361 Madison ave.             | Berry, R. † <i>e</i>              | 416 W. 122                  |
| Berko, M. <i>ph</i>         | 921 Tiffany                   | Bersin, A. B.                     | S. A. T. C.                 |
| Berkoff, W. <i>e</i>        | 149 S. Third ave., Mt. Vernon | Bersohn, R. <i>gr ed</i>          | 560 Lincoln pl.             |
| Berkovsky, M. S. <i>m</i>   | 358 W. 57                     | Bertsch, M. † <i>pa</i>           | 503 W. 172                  |
| Berkow, B. <i>e</i>         | 524 W. 134                    | Berwick, W. E.                    | S. A. T. C.                 |
| Berkowitz, E. † <i>e</i>    | 112 E. 81                     | Bessie, E. M.                     | S. A. T. C.                 |
| Berkowitz, L. <i>e</i>      | 1098 Eastern pkway., Bklyn.   | Best, S. † <i>ed</i>              | 611 W. 127                  |
| Berkowitz, M.               | S. A. T. C.                   | Best, V. † <i>e</i>               | 415 Central Park West       |
| Berliner, E. † <i>pa</i>    | 333 Central Park West         | Best, V. P. † <i>pa</i>           | 540 W. 122                  |
| Berlowitz, D. M. <i>e</i>   | 105 Henry                     | Bettenhausen, V. E. † <i>pa</i>   | Whittier                    |
| Berlowitz, P. A.            | S. A. T. C.                   | Betts, M. B. † <i>pa</i>          | 42 W. 71                    |
| Berman, I.                  | S. A. T. C.                   | Beuerman, R. J.                   | S. A. T. C.                 |
| Berman, L. M.               | S. A. T. C.                   | Bever, A. I. † <i>e</i>           | 75 Laurel ave., Arlington   |
| Berman, P. <i>ph</i>        | 464 Wyona, Bklyn.             | Bevier, M. † <i>ed</i>            | 212 Berkeley pl., Bklyn.    |
| Berman, S. † <i>e</i>       | 625 W. 156                    | Beyer, E. A. † <i>e</i>           | 310 Summit ave., Mt. Vernon |
| Bermann, S. <i>e</i>        | 568 E. 166                    | Beyer, M. W. <i>gr</i>            | Edgewater                   |
| Bernanke, W. B. <i>ph</i>   | 195-7th                       | Bezer, C. A.                      | S. A. T. C.                 |
| Bernard, E.                 | Naval Unit                    | Biber, B. M. <i>e</i>             | 874 Park ave., Bklyn.       |
| Bernard, P. D. <i>c</i>     | 19 Willoughby ave., Bklyn.    | Biber, C. † <i>pa</i>             | 302 Hart, Bklyn.            |
| Bernat, J. M. † <i>e</i>    | 415 W. 120                    | Bibo, H. † <i>e</i>               | 5 Pinehurst ave.            |
| Bernblum, G. <i>e</i>       | 430 W. 118                    | Bickelhaupt, H. H. † <i>gr ed</i> | 537 W. 121                  |
| Berner, P.                  | S. A. T. C.                   | Bicknell, H. C. † <i>e</i>        | 340 W. 85                   |
| Bernero, A. D. † <i>m</i>   | 532 E. 147                    | Bie, E. C. † <i>e</i>             | 58 Tenaflly rd., Englewood  |
| Bernhard, I. M. E. <i>m</i> | 92 Woodruff ave., Bklyn.      | Biederman, M. <i>m</i>            | 238 E. 82                   |
| Bernhardt, C. H.            | S. A. T. C.                   | Biek, G. <i>c</i>                 | 481 Third ave., L. I. City  |
| Bernheim, A. R. <i>m</i>    | 148 W. 86                     | Biel, R. † <i>e</i>               | 885 West End ave.           |
| Bernheim, G. M. † <i>gr</i> | 1 W. 85                       | Bielby, K. S. † <i>gr ed</i>      | 106 Morningside dr.         |
| Bernheim, L. I. † <i>ed</i> | 308 W. 75                     | Bien, E. R. † <i>b</i>            | 243 W. 98                   |
| Bernholz, E. M. † <i>pa</i> | 540 W. 150                    | Bienenfeld, G. † <i>e</i>         | 101 W. 113                  |
| Bernstein, B. † <i>e</i>    | 521 W. 112                    | Bienenfeld, J. <i>gr</i>          | 1382 College ave.           |
| Bernstein, D. † <i>e</i>    | 736 W. 181                    | Bieringer, L. <i>e</i>            | Croton                      |
| Bernstein, E. B. † <i>e</i> | Furnald                       | Bierschen, F. P.                  | Naval Unit                  |
| Bernstein, F. † <i>e</i>    | 1331 Clinton ave.             | Bierschenk, W.                    | S. A. T. C.                 |
| Bernstein, H. E. † <i>e</i> | 528 W. 111                    | Bigelow, G. I. † <i>ed</i>        | 434 W. 120                  |
|                             |                               | Biggs, G. B.                      | S. A. T. C.                 |
|                             |                               | Bigley, K. H. † <i>pa</i>         | 527 W. 121                  |
|                             |                               | Bikoff, M. <i>c</i>               | 93 Graham ave., Bklyn.      |



- Bilchick, B. *c* 264 E. 10  
 Bilden, R. *c* 300 W. 116  
 Bilderback, W. E. *ed* Keyport, N. J.  
 Bilhuber, G. † *pa* Maywood, N. J.  
 Billig, F. G. † *gr ed* 520 W. 124  
 Billings, D. M. † *e* 293 Alexander ave.  
 Billings, F. J. † *e* 135 E. 74  
 Billings, W. H. *e* 293 Alexander ave.  
 Billipp, C. H. *e* 131 North, Rye  
 Binder, A. W. *e* 1267 Fifth ave.  
 Binger, P., Jr. S. A. T. C.  
 Bingham, A. B. S. A. T. C.  
 Bingham, M. C. † *ed*  
 13 Forest rd., Madison, N. J.  
 Binkowitz, B. *e* 636 Cleveland, Bklyn.  
 Binzen, V. L. † *b* 251 E. Kingsbridge rd.  
 Birch, L. H. S. A. T. C.  
 Bird, S. † *ed* 540 W. 122  
 Birdseye, D. C. † *b* 56 Seaman ave.  
 Birdsong, N. W. † *gr ed* Furnald  
 Birmingham, A. V. † *ed* 157 E. 67  
 Birmingham, G. † *e* 415 W. 120  
 Birnbaum, J. *c* 664 E. 160  
 Birnbaum, M. G. S. A. T. C.  
 Birnbaum, P. † *ph*  
 56 Eighth ave., Astoria  
 Bischoff, C. F. *c* 459-77th, Bklyn.  
 Bischoff, R. S. † *e*  
 485 Central Park West  
 Bishop, B. B. S. A. T. C.  
 Bishop, H. Q. † *pa* Whittier  
 Bishop, L. M. † *e* Whittier  
 Bissell, K. L. † *e* 170 W. 74  
 Bissinger, C. M. † *e* 135 E. 52  
 Bitz, N. E. † *e* 403 State, Hackensack  
 Bitzer, G. L., Jr. S. A. T. C.  
 Bjelke, J. L. *gr ed*  
 317 Riverdale ave., Yonkers  
 Bjerregaard, M. † *e* 414 W. 120  
 Bjornson, E. J. *e* 572 Avenue C, Bayonne  
 Black, A. C. *m* 437 W. 59  
 Black, E. † A. S. N.  
 Black, E. I. † *ed* 468 Riverside dr.  
 Black, I. E. *e* 3722 Vyse ave.  
 Black, J. A. S. A. T. C.  
 Black, P. S. A. T. C.  
 Blackman, I. N. S. A. T. C.  
 Blackmore, E. L. † *e* 2661 Decatur ave.  
 Blackmur, I. M. † *e*  
 214 Highpoint ave., Weehawken Hts.  
 Blackstone, P. J. *e* 61 W. 10  
 Blackwell, A. K. † *ed*  
 68 Liberty, Lodi, N. J.  
 Blackwood, E. † *gr ed*  
 404 St. Nicholas ave.  
 Blair, E. † *e* 505 W. 124  
 Blair, J. W. *gr* 416 W. 118  
 Blair, L. † *e* 106 Morningside dr.  
 Blair, M. L. † *e* 2 E. 70  
 Blair, R. E. *e* 27 Marion ave., Newark  
 Blair, V. † *gr ed* 430 W. 119  
 Blake, A. † *e* 542 W. 112  
 Blake, D. D. V. S. A. T. C.  
 Blake, D. M. † *b* 287 W. 12  
 Blake, H. K. *m* 346 W. 57  
 Blakeman, G. † *pa*  
 165 N. Fulton ave., Mt. Vernon  
 Blanchet, W. L. S. A. T. C.  
 Blank, W. A. S. A. T. C.  
 Blankenstein, M. M. † *e* 550 W. 157  
 Blaustein, F. † *pa* 39 E. 22  
 Blaustein, M. *m*  
 39 St. Joseph's ave., Yonkers, N. Y.  
 Blaustein, N. † *e* 24 Mt. Morris Park  
 Blazer, A. *c* 375 Saratoga ave., Bklyn.  
 Bleckwenn, W. J. *m*  
 140 Fulton ave., Astoria  
 Blewett, M. M. † *pa* 105 W. 84  
 Blimblum, J. *e* 510 Howard ave., Bklyn.  
 Bliss, A. W. † *pa* 106 Morningside dr.  
 Bliss, C. H. † *pa*  
 Bliss, J. H. Naval Unit  
 Bliss, J. H. *m* 346 W. 57  
 Bliss, N. † *pa* 404 Jefferson ave., Bklyn.  
 Bloch, E. W. Naval Unit  
 Bloch, G. S. *e* 790 Riverside dr.  
 Bloch, M. Naval Unit  
 Bloch, S. *e* 156 Thatford ave., Bklyn.  
 Block, A. *c* 124 Essex, Jersey City, N. J.  
 Block, B. F. S. A. T. C.  
 Block, F. J. *e* Ellis Island  
 Bloise, F. I. S. A. T. C.  
 Bloom, A. E. *ph* 36 Varet, Bklyn.  
 Bloom, J. *ph* 10 E. 115  
 Bloomberg, A. H. S. A. T. C.  
 Bloomfield, G. *gr* 609 W. 127  
 Bloor, E. G. *m* 450 E. 34  
 Blostein, J. *m* 304 E. 103  
 Blossom, N. † *e* Furnald  
 Blount, L. M. † *pa* 418 W. 118  
 Bloys, J. K. S. A. T. C.  
 Bluestone, D. M. S. A. T. C.  
 Bluestone, M. A. *m* 215 E. Broadway  
 Blum, K. A. *m* 59 Center, Orange  
 Blum, M. J. † *e* 817 West End ave.  
 Blum, R. J. S. A. T. C.

- Blumberg, N. B. S. A. T. C.  
 Blumborg, H. † *ed* 40 Jane  
 Blume, M. *e* 1020 Simpson  
 Blume, W. R. Naval Unit  
 Blumenfeld, L. E. S. A. T. C.  
 Blumenkron, S. E. † *e* 547 Riverside dr.  
 Blumenthal, F. † *gr ed* 127 W. 112  
 Blumenthal, L. *e* 39 Whitehall  
 Blumoff, W. A. *e* 415 E. 154  
 Blumstein, J. F. † *pa* 365 W. 120  
 Blüss, M. K. † *pa* 29 S. B. Irvington  
 Blutrach, A. P. Naval Unit  
 Boas, G. M. † *b*  
 230 Franklin ave., Grantwood  
 Boasberg, H. † *e* 2085 Lexington ave.  
 Bobbink, L. J. S. A. T. C.  
 Bock, G. Naval Unit  
 Bock, G. E. *c* 285 Central Park West  
 Bock, W. R. S. A. T. C.  
 Bodansky, O. *c* 130 E. 117  
 Bode, F. M. † *e* 424 W. 147  
 Bodenstein, A. B. Naval Unit  
 Bodin, H. S. S. A. T. C.  
 Bodkin, L. G. S. A. T. C.  
 Boeker, E. M. † *b* 55 E. 86  
 Boenau, T. C. Jr., *ph*  
 215 Garfield pl., Bklyn.  
 Boeri, J. J. *e* 13 Prospect, L. I. City  
 Boettlicher, O. S. A. T. C.  
 Bogart, M. † *gr* 106 Morningside dr.  
 Bogen, E. *e* 602 W. 139  
 Bogdonoff, S. S. A. T. C.  
 Bogert, H. J. † *pa* 620 W. 122  
 Bogess, S. T. *gr* 175 Ninth ave.  
 Bogle, W. † *e* 2226 Loring pl.  
 Bohrer, R. † *gr ed* 503 W. 121  
 Boice, W. S. Naval Unit  
 Boinow, G. *e* 253 W. 112  
 Bolas, E. J. Naval Unit  
 Bolger, J. V. † *e* 1891 Madison ave.  
 Boll, A. *e* 147 E. 33  
 Bollin, E. E. J. † *pa* 103 S. 8, Newark  
 Bolognesi, A. L. *c* 604 W. 112  
 Bolognesi, A. M. S. A. T. C.  
 Bolotoff, L. J. *e* 47-49 E. 3  
 Bolte, J. K. S. A. T. C.  
 Bolton, M. D. † *e* 21 W. 93  
 Boltz, F. W., Jr. Naval Unit  
 Boltz, O. H. *m* 605 Union ave.  
 Bonaventure, Y. † *e* 318 W. 106  
 Bond, A. S. † *e* 230 W. 59  
 Bond, O. M. † *e* 1250-43rd, Bklyn.  
 Bone, A. H. S. A. T. C.  
 Bonime, F. R. † *e* 801 S. Boulevard  
 Bonime, H. D. *c* Kew Gardens, L. I.  
 Bonime, R. G. *m* 437 W. 59  
 Bonn, W. T. S. A. T. C.  
 Bonnard, A. Y. † *gr ed*  
 92 Prospect, Passaic, N. J.  
 Bonnell, W. L. *e*  
 24 Washington ter., E. Orange  
 Bonner, G. E. † *e* 200 W. 94  
 Bonner, W. F. S. A. T. C.  
 Bonnlander, V. C. *gr*  
 General Theo. Seminary  
 Bonsall, E. L. † *pa* 544 W. 157  
 Bonshof, H. M. † *e* 600 W. 144  
 Bonyng, W. M. S. A. T. C.  
 Boorzhinsky, E. † *e* 14 W. 100  
 Booth, C. L. S. A. T. C.  
 Booth, E. A. † *pa* Greenwich, Conn.  
 Booth, H. V. † A. S. N.  
 Boothby, A. Z. *gr ed* Mamaroneck  
 Borchard, F. D. † *e*  
 418 Central Park West  
 Borden, A. J. † *b* 24 E. 94  
 Borden, M. A. † *gr*  
 271 Grant ave., Grantwood  
 Borden, M. C. † *b* Furnald  
 Boreham, O. S. *e* 203 W. 107  
 Borg, C. A. S. A. T. C.  
 Borgenicht, M. *e* 150 W. 80  
 Borgenicht, S. W. *e* 252 W. 85  
 Boring, R. † A. S. N.  
 Born, H. L. *e* 320 W. 139  
 Borré, H. J. † *b* 175 Worth  
 Borshaw, H. S. A. T. C.  
 Borst, H. C. † *b* 606 W. 116  
 Bortnick, E. † *e* 609 W. 135  
 Boryer, M. G. † *ed* Furnald  
 Borzykowski, B. *gr* 2 W. 72  
 Bosak, J. M. † *pa* Whittier  
 Bosch, Mrs. P. † *e* 25 Claremont ave.  
 Bostwick, W. E. S. A. T. C.  
 Bostwick, W. F. † *b* 612 W. 115  
 Bosworth, K. H. T. † *gr ed* 315 E. 55  
 Bosworth, M. B. † *gr ed* 420 W. 119  
 Bothmer, M. S. † *e*  
 244 Sixth ave., L. I. City  
 Botthof, R. † *e* 2012 Daly ave.  
 Boucher, B. C. † *e* 75 W. 94  
 Boucher, M. A. † *b* Brooks  
 Boudreau, J. H. S. A. T. C.  
 Bourn, M. † *e* 50 Morningside dr.  
 Bouton, J. † *pa*  
 53 Warren, Bloomfield, N. J.

- Bove, R. *e* 149 Amity, Bklyn.  
 Bovee, D. H. † *gr* 136 W. 103  
 Bowden, R. H. *e* 43 Delaware, Flushing  
 Bowen, K. B. *gr ed* Union Theo. Seminary  
 Bowers, W. R. *gr ed* 521 W. 122  
 Bowes, R. W. S. A. T. C.  
 Bowie, E. W. † *j* 501 W. 111  
 Bowitz, B. Naval Unit  
 Bowler, E. † *pa* 523 W. 121  
 Bowles, C. R. S. A. T. C.  
 Bowman, C. R. S. A. T. C.  
 Bowman, G. P. S. A. T. C.  
 Bowman, H. N. *e* 80 W. 169  
 Bowman, W. J. S. A. T. C.  
 Bown, J. C. *m* 27 W. 61  
 Bowne, G. B. S. A. T. C.  
 Boxer, P. S. *ph* 1709 Bathgate ave.  
 Boxhorn, E. A. S. A. T. C.  
 Boyd, H. A. † *e* 51 E. 50  
 Boyd, M. G. † *e* 514 W. 114  
 Boyd, W. J. S. A. T. C.  
 Boyer, R. C. † *m* 118 Vernon ave., Bklyn.  
 Boyes, G. T. † *pa* 106 Morningside dr.  
 Boylan, J. A. S. A. T. C.  
 Boyle, I. † *gr ed* 147 Ross, Bklyn.  
 Boynton, L. † A. S. N.  
 Bracher, E. deC † *e* 349 W. 85  
 Bracken, E. † *pa* Whittier  
 Brackett, E. E. † *pa* 425 W. 114  
 Bradley, G. O. *m* 218 W. 70  
 Bradley, M. A. † *pa* Whittier  
 Bradshaw, J. H., Jr. *c* 614 W. 113  
 Bradshaw, K. E. † *pa*  
 Bradt, G. E. † *ed* 519 W. 123  
 Brady, A. † *b* 310 W. 93  
 Braegger, V. *e* 302 Broadway  
 Brahdy, M. S. A. T. C.  
 Brakeley, E. † *gr* Furnald  
 Brand, D. † *e* 229 W. 97  
 Brand, E. J. S. A. T. C.  
 Brand, E. R. † *b* 120 E. 95  
 Brand, F. † *e* Red Bank  
 Brandeis, F. *c* 156 W. 121  
 Brandenburg, M. † *e* 307 W. 98  
 Brandes, R. S. A. T. C.  
 Brandon, F. B. S. A. T. C.  
 Brandstadter, S. *gr ed* 16 E. 120  
 Brandstein, J. S. *c* 1151 Longfellow ave.  
 Brandstein, P. L. *c* 1151 Longfellow ave.  
 Brandt, S. *e* 930 St. Nicholas ave.  
 Branham, J. C. † *pa* 106 Morningside dr.  
 Braslowsky, I. *e* 670 Hopkinson ave., Bklyn.  
 Bratter, R. † *e* 472 West End ave.  
 Brauer, F. H. † *pa* 61 W. 105  
 Brauer, L. H. *e* 2207 Fifth ave.  
 Braugs, C. C. S. A. T. C.  
 Braun, H. J. S. A. T. C.  
 Braun, M. C. S. A. T. C.  
 Braun, M. S. † *e* 404 W. 115  
 Braveman, S. † *e* 1890 Crotona pkway.  
 Braverman, H. S. A. T. C.  
 Brayer, W. S. A. T. C.  
 Brazeau, W. Q. *e* 135 W. 79  
 Breadon, G. † *pa* 37 E. 71  
 Bready, J. W. *gr ed* Union Theo. Seminary  
 Breaker, H. † *b* Furnald  
 Breakstone, R. *m* 9 Suffolk  
 Brech, A. A. S. A. T. C.  
 Brecker, A. *ph* 434 Bushwick ave., Bklyn.  
 Breiming, M. † *b* 29 E. 4, Mt. Vernon  
 Bremer, P. E. † *gr* 612 Ridgewood rd., Maplewood, N. J.  
 Brennan, F. J. Naval Unit  
 Brennan, H. A. † *e* 552 W. 185  
 Brennan, H. M. S. A. T. C.  
 Brennan, J. S. A. T. C.  
 Brenner, H. *e* 408 Lenox ave.  
 Brenner, R. † *gr* 252 Carroll, Bklyn.  
 Brenton, A. † *e* 421 W. 118  
 Brenzinger, M. † *e* 747 E. 232  
 Bresky, H. S. A. T. C.  
 Breslauer, M. K. *c* 200 W. 54  
 Bressler, B. F. S. A. T. C.  
 Bressler, H. B. † *gr* 158 Second ave., L. I. City  
 Bretschneider, G. † *e* 445 E. 88  
 Brett, E. M. † *ed* 169 Barclay, Flushing  
 Brewer, F. *m* 346 W. 57  
 Brewster, D. S. † *pa* Whittier  
 Brice, J. E., Jr. S. A. T. C.  
 Brice, L. K. † *pa* 144 E. 19  
 Brice, T. *e* 5 W. 125  
 Brice, T. A. Naval Unit  
 Brickman, J. *e* 175 Madison  
 Bridge, A. F. † *e* 16 Clarkson  
 Bridge, E. C. † *e* 70 Mulberry  
 Bridges, M. A. *m* 148 W. 74  
 Brieger, M. M. *m* 600 Riverside dr.  
 Brigadier, M. *c* 652 Avenue C, Bayonne, N. J.  
 Briggs, A. B. † *ed* 505 W. 121

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|---------------------------------|----------------------------|------------------------------|----------------------------------|
| Briggs, B. T. <i>e</i>          | 570 W. 183                 | Browd, V. L. <i>m</i>        | 601 W. 150                       |
| Briggs, C. deM. † <i>e</i>      | 118 W. 57                  | Browde, J. A. <i>c</i>       | 7406 Tenth ave., Bklyn.          |
| Briggs, F. † <i>pa</i>          | 101 Ascension, Passaic     | Browdy, B. <i>e</i>          | 1563 Wilkins ave.                |
| Briggs, M. S. † <i>pa</i>       | Whittier                   | Brown, A. <i>m</i>           | 437 W. 59                        |
| Briggs, O. † <i>e</i>           | 430 W. 116                 | Brown, A. <i>l</i>           | 44 W. 65                         |
| Brigham, H. I.                  | Naval Unit                 | Brown, A. L. † <i>e</i>      | 69 Mission, Montclair            |
| Brighton, G. R.                 | S. A. T. C.                | Brown, C. † <i>ed</i>        | 221 Avenue F, Bklyn.             |
| Brill, B. L. † <i>e</i>         | 418 Central Park West      | Brown, C. R. <i>m</i>        | 216 W. 89                        |
| Brill, E. L. † <i>ed</i>        | 515 W. 121                 | Brown, C. H.                 | S. A. T. C.                      |
| Brin, A.                        | S. A. T. C.                | Brown, D. H. <i>c</i>        | 569 W. 150                       |
| Brin, M. † <i>e</i>             | 2396 First ave.            | Brown, E. A. † <i>e</i>      | 934 Sterling pl., Bklyn.         |
| Brinberg, H. <i>e</i>           | 1552-53rd, Bklyn.          | Brown, E. L. † <i>e</i>      | 253 W. 72                        |
| Brinberg, L. N. † <i>e</i>      | 1467-49th, Bklyn.          | Brown, E. L. † <i>e</i>      | 509 W. 122                       |
| Bring, R. † <i>e</i>            | 77 Second ave.             | Brown, E. L. † <i>gr</i>     | 418 W. 118                       |
| Brink, L. † <i>gr</i>           | 29 Convent ave.            | Brown, E. M. † <i>pa</i>     | 537 W. 121                       |
| Bristol, A. W. † <i>e</i>       | Cottage Gardens, Queens    | Brown, E. R. † <i>e</i>      | 44 W. 65                         |
| Bristol, R. L. † <i>gr ed</i>   | 414 W. 121                 | Brown, F. H. † <i>e</i>      | 24 W. 12                         |
| Bristol, R. M. <i>gr ed</i>     | Riverside, Conn.           | Brown, F. M. <i>pa</i>       | 41 Hubbard ave., Stamford, Conn. |
| Bristow, A. A. † <i>ed</i>      | Whittier                   | Brown, F. S. † <i>b</i>      | 431 Riverside dr.                |
| Brittain, E. † <i>b</i>         | Brooks                     | Brown, G. A. † <i>e</i>      | 540 W. 122                       |
| Broadwin, A.                    | S. A. T. C.                | Brown, G. R. <i>e</i>        | 507 Hudson                       |
| Broadwin, I. L. <i>e</i>        | 302 Central Park West      | Brown, H. L. † <i>pa</i>     | Whittier                         |
| Broadwin, Mrs. I. L. † <i>e</i> | 302 Central Park West      | Brown, H. M. † <i>pa</i>     | 527 W. 121                       |
| Broander, M. R.                 | S. A. T. C.                | Brown, H. W. <i>m</i>        | 625 W. 113                       |
| Broches, L. <i>gr</i>           | 244 W. 116                 | Brown, J. † <i>e</i>         | 1043 Teller ave.                 |
| Brockett, E. G. † <i>gr ed</i>  | 1230 Amsterdam ave.        | Brown, J. † <i>e</i>         | 260 W. 99                        |
| Brockmann, D. † <i>e</i>        | 50 Nevins, Bklyn.          | Brown, J. E. † <i>b</i>      | 305 W. 98                        |
| Brockway, D. † <i>b</i>         | 752 West End ave.          | Brown, J. N. <i>gr</i>       | 1725 Sedgwick ave.               |
| Broder, S. † <i>e</i>           | 711 W. 180                 | Brown, L. M. <i>e</i>        | 240 W. 143                       |
| Broderick, J. H.                | Naval Unit                 | Brown, M. G. † <i>pa</i>     | Hotel Seymour                    |
| Brody, N. L. <i>mec</i>         | 50 Northern ave.           | Brown, M. K. † <i>e</i>      | Greenwich                        |
| Brody, P. <i>e</i>              | 43 Eldridge                | Brown, M. L. †               | A. S. N.                         |
| Brogan, E. E.                   | S. A. T. C.                | Brown, M. L. † <i>e</i>      | 38 E. 37, Bayonne                |
| Brogdon, H. B. † <i>ed</i>      | 421 W. 121                 | Brown, M. S. <i>m</i>        | 346 W. 57                        |
| Bromberg, D. † <i>e</i>         | 451 E. 171                 | Brown, M. V. † <i>e</i>      | Hotel Breslin                    |
| Bromberg, S. <i>e</i>           | 451 E. 171                 | Brown, N. D.                 | S. A. T. C.                      |
| Bromley, A. O. † <i>gr ed</i>   | Hotel Martha Washington    | Brown, S. G. <i>ph</i>       | 31 Pike                          |
| Bronner, M. † <i>e</i>          | Plaza Hotel                | Brown, W. B.                 | S. A. T. C.                      |
| Brooker, H. M. † <i>e</i>       | 371 W. 56                  | Brown, W. J.                 | S. A. T. C.                      |
| Brooks, C. B.                   | S. A. T. C.                | Brown, W. S. <i>c</i>        |                                  |
| Brooks, E. G. † <i>b</i>        | 309 Bedford Park Boulevard | Browne, B. <i>e</i>          | 1745 Montgomery                  |
| Brooks, I. <i>e</i>             | 540 E. 138                 | Browne, E. H. † <i>e</i>     | 19 E. 89                         |
| Brooks, L. † <i>ed</i>          | 501 W. 120                 | Browne, H. S. † <i>ed</i>    | Furnald                          |
| Brooks, L. M. † <i>e</i>        | 478 W. 145                 | Browne, L. M. † <i>b</i>     | 606 W. 116                       |
| Brooks, M. K. † <i>b</i>        | 1928 University ave.       | Browne, M. † <i>gr</i>       | Kent Court, Passaic              |
| Brosnan, K. † <i>b</i>          | 501 W. 169                 | Brownell, B. V. † <i>pa</i>  | 421 W. 121                       |
| Brouard, D. W. R.               | S. A. T. C.                | Brownell, H. E.              | S. A. T. C.                      |
| Brough, F. E. † <i>pa</i>       | Whittier                   | Brownfelder, J. † <i>e</i>   | 374 E. 164                       |
|                                 |                            | Browning, J. H. <i>e</i>     | Ridgefield Park                  |
|                                 |                            | Browning, W. E. <i>gr ed</i> | 25 Madison ave.                  |
|                                 |                            | Brubaker, E. † <i>gr ed</i>  | Rahway, N. J.                    |



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| Brubaker, R. <i>† b</i>      | Mountain View                      | Bull, M. D. <i>† e</i>        | 430 W. 116                  |
| Brucar, M. <i>ph</i>         | 251 E. 10                          | Bull, M. L. <i>† ed</i>       | 118 Quincy, Bklyn.          |
| Brucher, C. <i>† e</i>       | 35 E. 62                           | Bullard, E. F.                | Naval Unit                  |
| Bruchhaus, J. V. <i>gr</i>   | 268-9th, Bklyn.                    | Bullard, F. M. <i>m</i>       | 97 Lawrence, Bklyn.         |
| Brucker, H. E.               | S. A. T. C.                        | Bullard, H. A.                | Naval Unit                  |
| Bruckner, A. D. <i>e</i>     | 25 E. 104                          | Bullinger, F. H. <i>e</i>     | Armour Villa Park, Yonkers  |
| Bruere, J. M. <i>† e</i>     | 925 Park ave.                      | Bullington, T. E. <i>† pa</i> | 519 W. 121                  |
| Bruestel, R. C.              | S. A. T. C.                        | Bullis, J. <i>† ed</i>        | 419 W. 119                  |
| Brunella, R. A. <i>† e</i>   | 446 Central Park West              | Bullock, C. S.                | Naval Unit                  |
| Bruning, W. F.               | S. A. T. C.                        | Bullwinkel, H. G. <i>m</i>    | 217 Monroe, Bklyn.          |
| Brunner, L. <i>c</i>         | 892 Eastern Parkway, Bklyn.        | Bulmer, J. W. <i>m</i>        | 437 W. 59                   |
| Brunor, M. A. <i>e</i>       | 46 Edgecomb ave.                   | Bultman, A. <i>† e</i>        | 12 E. 72                    |
| Bruns, F. C.                 | S. A. T. C.                        | Bultman, G. J. <i>† e</i>     | 12 E. 72                    |
| Brusack, C. V.               | S. A. T. C.                        | Bunger, A. G. <i>† b</i>      | Brooks                      |
| Brush, D. L.                 | S. A. T. C.                        | Bunker, H. E., Jr.            | Naval Unit                  |
| Brush, N. L. <i>† e</i>      | 375 Park ave.                      | Bunker, K. <i>† e</i>         | 421 N. Broadway, Yonkers    |
| Bryan, D. M. <i>† e</i>      | 149-81st, Bklyn.                   | Bunnell, A. R., Jr.           | S. A. T. C.                 |
| Bryan, L. T.                 | S. A. T. C.                        | Buonaguro, M. J. <i>c</i>     | 852 Hart, Bklyn.            |
| Bryan, S. G.                 | S. A. T. C.                        | Burchell, S. C. <i>m</i>      | 563 W. 182                  |
| Bryant, I. M. <i>† pa</i>    | 315 N. 7, Newark                   | Burde, D. <i>ph</i>           | 1226 Boston rd.             |
| Bryant, J. E. <i>e</i>       | 215 W. 23                          | Burdett, E. <i>† pa</i>       | 239 Park ave., E. Orange    |
| Bryant, N.                   | S. A. T. C.                        | Burdick, H. E. <i>† pa</i>    | Whittier                    |
| Bryce, M. <i>† e</i>         | 143 Gregory ave., Passaic          | Burdick, R. D.                | S. A. T. C.                 |
| Buchanan, J. <i>† e</i>      | 610 W. 152                         | Burger, A. A.                 | S. A. T. C.                 |
| Buchanan, O. C. <i>l</i>     | 152 E. 2                           | Burger, A. L.                 | S. A. T. C.                 |
| Buchholtz, F. C.             | S. A. T. C.                        | Burgess, F. D.                | S. A. T. C.                 |
| Buchman, A. S. <i>† b</i>    | 39 W. 85                           | Burgess, T. H.                | S. A. T. C.                 |
| Buchman, J. <i>m</i>         | 152 Rodney, Bklyn.                 | Burgunder, B. F.              | Naval Unit                  |
| Buck, B. I. <i>† pa</i>      | Whittier                           | Burke, E. J. <i>† e</i>       | Furnald                     |
| Buck, E. <i>† e</i>          | 532 W. 111                         | Burke, M. L. <i>† j</i>       | 415 W. 120                  |
| Buck, F. H.                  | S. A. T. C.                        | Burke, P. J.                  | S. A. T. C.                 |
| Buckingham, E. O. <i>† e</i> | 417 W. 120                         | Burke, S. P.                  | S. A. T. C.                 |
| Buckley, E. F. <i>† e</i>    | 452 W. 164                         | Burke, V. G. <i>† ed</i>      | 133 W. 4                    |
| Buckley, W. R. A. <i>e</i>   | 2246 Concourse                     | Burkhard, W. E. <i>e</i>      | 20 Warner ave., Jersey City |
| Buck-Pitt, M. A. <i>† ed</i> | 2328 Andrews pl.                   | Burkhardt, H. <i>c</i>        | 1215 Avenue P, Bklyn.       |
| Bucks, O. <i>† gr ed</i>     | 83 Magnolia ave., Arlington, N. J. | Burkholder, G. R. <i>† b</i>  | 200 W. 110                  |
| Budd, C. E.                  | S. A. T. C.                        | Burling, E. <i>† e</i>        | 2 E. 79                     |
| Budd, W. V. W.               | S. A. T. C.                        | Burlingame, A. <i>† gr</i>    | 50 Nevins, Bklyn.           |
| Budge, A. H. <i>m</i>        | 437 W. 59                          | Burne, D. <i>† b</i>          | Huntington                  |
| Budge, S. M. <i>m</i>        | 318 W. 57                          | Burnes, M. <i>† e</i>         | 332 W. 47                   |
| Budinoff, R. E. <i>† e</i>   | 1284 Sterling pl., Bklyn.          | Burnett, E. <i>† pa</i>       | Whittier                    |
| Bueffel, B. H. <i>e</i>      | 426 E. 188                         | Burnett, F. E. <i>e</i>       | 414 W. 120                  |
| Buell, A. S. <i>† e</i>      | 508 W. 114                         | Burnett, W. <i>e</i>          | 20 Broad                    |
| Buggeln, G. E. <i>† gr</i>   | 354-87th, Bklyn.                   | Burnham, E. I. <i>† gr ed</i> | 135 E. 52                   |
| Buhen, B. V. <i>† pa</i>     | 450 Riverside dr.                  | Burns, C. R. <i>† gr</i>      | 684 St. Nicholas ave.       |
| Bukofzer, P. A.              | S. A. T. C.                        | Burns, R. L. <i>gr ed</i>     | Cliffside, N. J.            |
| Bulkley, M. R. <i>† e</i>    | Llewellyn Park, W. Orange          | Burns, S. <i>† pa</i>         | 684 St. Nicholas ave.       |
| Bull, C. B., Jr. <i>l</i>    | 420 W. 116                         | Burr, E. R. <i>† e</i>        | 29 Claremont ave.           |

|                                |                              |                               |                                      |
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| Burr, J. P. W.                 | S. A. T. C.                  | Byerly, A. E. † <i>ed</i>     | 509 W. 121                           |
| Burris, M. C. † <i>gr</i>      | 70 Morningside dr.           | Byk, E.                       | S. A. T. C.                          |
| Burroughs, H. J. †             | A. S. N.                     | Byrne, G. L. <i>gr ed</i>     | 3915 Broadway                        |
| Burroughs, M. R. † <i>b</i>    | 606 W. 116                   | Byrne, H. M. † <i>e</i>       | 630 Palisade ave., West New York     |
| Burrows, C. J.                 | S. A. T. C.                  | Byrne, L. M. † <i>b</i>       | 167 W. 76                            |
| Burrows, F. C.                 | S. A. T. C.                  | Byrne, M. C. † <i>gr ed</i>   | 338 Decatur, Bklyn.                  |
| Burrows, L. J.                 | S. A. T. C.                  | Byrne, M. S. † <i>pa</i>      | 224 E. 21                            |
| Burstein, E. M. <i>c</i>       | 405 W. 117                   | Bywater, E. M. † <i>pa</i>    | 414 W. 118                           |
| Burstein, J.                   | S. A. T. C.                  | Cadicamo, P. A. <i>ph</i>     | 1853-63rd, Bklyn.                    |
| Burstiner, J. † <i>e</i>       | 381 William, E. Orange       | Cadmus, L. R. G.              | S. A. T. C.                          |
| Burt, C. A.                    | S. A. T. C.                  | Cadoo, S. † <i>ed</i>         | 1 Parmley pl., Summit, N. J.         |
| Burtis, E. L. † <i>e</i>       | 230 Van Buren, Bklyn.        | Caesar, S.                    | S. A. T. C.                          |
| Burtis, H. F.                  | S. A. T. C.                  | Caeser, D. <i>c</i>           | 1501 Eastern Pkway., Bklyn.          |
| Burnett, G. B. <i>c</i>        | Bronxville, N. Y.            | Cafferate, A. † <i>e</i>      | 435 W. 119                           |
| Burton, G. R.                  | S. A. T. C.                  | Cagney, H. V.                 | S. A. T. C.                          |
| Burton, E. A. † <i>gr ed</i>   | 416 W. 122                   | Cagney, J. F.                 | S. A. T. C.                          |
| Burton, L. † <i>e</i>          | 35 E. 62                     | Cahan, R. A. † <i>e</i>       | 536 E. 5, Bklyn.                     |
| Burt, E. A. <i>gr</i>          | 537 W. 123                   | Cahill, I. J.                 | S. A. T. C.                          |
| Burt, J. <i>gr ed</i>          | 292 Ryerson, Bklyn.          | Cahn, A. M.                   | S. A. T. C.                          |
| Buscemi, J. F. <i>e</i>        | 465 Hamburg ave., Bklyn.     | Cahn, E. J. † <i>b</i>        | Seneca, Far Rockaway                 |
| Busch, E. A. † <i>gr</i>       | 170 W. 74                    | Cahn, P. † <i>e</i>           | 229 W. 78                            |
| Busch, E. A.                   | S. A. T. C.                  | Caiola, F. <i>e</i>           | 168 E. 104                           |
| Busch, I. <i>m</i>             | 158 Ross, Bklyn.             | Cairns, A. W. † <i>e</i>      | 161 Harrison, E. Orange              |
| Busch, L. C. V. <i>m</i>       | 346 W. 57                    | Calderon, A. A. <i>e</i>      | 152 Pelham rd., New Rochelle         |
| Bushfield, G. I.               | S. A. T. C.                  | Calderone, F. A. <i>c</i>     | 112 Terrace ave., Hempstead, L. I.   |
| Busing, E. T. † <i>gr</i>      | 500 Washington ave., Bklyn.  | Caldwell, F. O. † <i>e</i>    | 601 W. 110                           |
| Busloff, R. † <i>e</i>         | 308 W. 26                    | Caldwell, G. F. C. † <i>e</i> | 1125 Boston rd.                      |
| Buswell, C. A. † <i>gr</i>     | 420 W. 119                   | Caldwell, L. † <i>pa</i>      | 417 W. 120                           |
| Butler, C. L. B. † <i>e</i>    | 572 W. 141                   | Caldwell, M. L. † <i>gr</i>   | 610 W. 116                           |
| Butler, D. † <i>b</i>          | 14 Locust Hill ave., Yonkers | Caldwell, R. E. † <i>gr</i>   | 716 Union ave.                       |
| Butler, E. R. † <i>gr</i>      | Furnald                      | Caldwell, W. L.               | S. A. T. C.                          |
| Butler, J. J.                  | S. A. T. C.                  | Calhoun, H. B. † <i>b</i>     | 247 Division ave., Hasbrouck Heights |
| Butler, L. L. † <i>b</i>       | 106 Morningside dr.          | Callahan, E. † <i>e</i>       | 1084 Amsterdam ave.                  |
| Butler, M. E. † <i>e</i>       | 320 W. 107                   | Callahan, J. L. <i>c</i>      | 933 Eastern Pkway., Bklyn.           |
| Butler, V. M. † <i>e</i>       | 25 Monitor, Jersey City      | Callan, G. † <i>gr</i>        | 302 W. 97                            |
| Butler, W. L.                  | S. A. T. C.                  | Callender, A. M. †            | A. S. N.                             |
| Buttenwieser, B. J. <i>e</i>   | 135 Central Park West        | Callery, M. F. † <i>e</i>     | 3131 Broadway                        |
| Butterfield, A. I. † <i>e</i>  | 337 E. 18                    | Callow, M. † <i>e</i>         | Furnald                              |
| Butterfield, E. M. † <i>ed</i> | 133 W. 4                     | Calvelli, V. <i>ph</i>        | 305 E. 112                           |
| Butterfield, H. W.             | S. A. T. C.                  | Camaras, A. <i>e</i>          | 115 W. 121                           |
| Butterworth, W. A.             | S. A. T. C.                  | Camber, E. † <i>e</i>         | 60 St. Nicholas ave.                 |
| Buttikof, E. S. <i>e</i>       | 1937 Anthony ave.            | Camerle, A. C. <i>e</i>       | 459 W. 123                           |
| Buxbaum, L.                    | S. A. T. C.                  | Cameron, C. M. † <i>gr</i>    | 418 W. 118                           |
| Buxton, M. DuV. † <i>e</i>     | 392 Clinton ave., Bklyn.     | Cameron, E. M.                | S. A. T. C.                          |
| Buxton, S. H.                  | S. A. T. C.                  |                               |                                      |
| Buyers, P. E. <i>gr</i>        | 500 W. 122                   |                               |                                      |
| Byck, M. S.                    | S. A. T. C.                  |                               |                                      |

|                               |                                  |                                |                              |
|-------------------------------|----------------------------------|--------------------------------|------------------------------|
| Cammack, M. L. † <i>gr</i>    | Whittier                         | Carhart, M. R. † <i>e</i>      | 5 E. 70                      |
| Cammann, F. A.                | S. A. T. C.                      | Carl, G. † <i>e</i>            | 29 E. 29                     |
| Campbell, A. D. † <i>gr</i>   | Furnald                          | Carleton, M. G. † <i>pa</i>    | 106 Morningside dr.          |
| Campbell, A. E. † <i>e</i>    | Pleasantville                    | Carleton, M. S. † <i>gr ed</i> | 500 W. 122                   |
| Campbell, C. B.               | S. A. T. C.                      | Carling, L. † <i>e</i>         | 550 W. 158                   |
| Campbell, C. R. <i>l</i>      | 403 W. 115                       | Carlip, A. H.                  | S. A. T. C.                  |
| Campbell, D. <i>e</i>         | 7 W. 108                         | Carlo, M. <i>e</i>             | 46 Garfield pl., Bklyn.      |
| Campbell, E. † <i>pa</i>      | 160 W. 95                        | Carlock, A. L. † <i>pa</i>     | Hasbrouck Heights            |
| Campbell, E. J.               | S. A. T. C.                      | Carls, H. E., Jr.              | S. A. T. C.                  |
| Campbell, E. L. K. † <i>e</i> | 528 W. 123                       | Carlson, F. A. † <i>e</i>      | Furnald                      |
| Campbell, F. A. † <i>e</i>    | 228 W. 22                        | Carlson, J. H. <i>c</i>        | 1166 Eastern Pkway., Bklyn.  |
| Campbell, J. A.               | S. A. T. C.                      | Carlton, J. † <i>gr ed</i>     | 104 Hicks, Bklyn.            |
| Campbell, L. B. † <i>gr</i>   | 501 W. 111                       | Carman, M. D. † <i>e</i>       | Whittier                     |
| Campbell, M. † <i>e</i>       | 200 Hicks, Bklyn.                | Carmichael, E. A. <i>e</i>     | 101 W. 143                   |
| Campbell, M. A. † <i>e</i>    | 14 Van Buren, New Brighton       | Carmichael, M. E. † <i>pa</i>  | 430 W. 119                   |
| Campbell, M. E. † <i>b</i>    | 417 W. 120                       | Carmody, M. R. † <i>b</i>      | 3 Lenox ave., Mt. Vernon     |
| Campbell, M. F. <i>m</i>      | North Hudson Hosp., Weehawken    | Carnahan, R. S.                | S. A. T. C.                  |
| Campbell, M. R. † <i>gr</i>   | 225 W. 14                        | Carnes, M. <i>m</i>            | 2235-85th, Bklyn.            |
| Campos, A. † <i>e</i>         | 93 E. Hayes ave., Corona         | Carney, E. J. † <i>e</i>       | 103 Overlook ter., Leonia    |
| Campsen, H. M. Jr.            | S. A. T. C.                      | Carney, M. V. † <i>gr ed</i>   | 103 Overlook ter., Leonia    |
| Canapary, F. J.               | S. A. T. C.                      | Carnrick, A. † <i>e</i>        | 40 W. 83                     |
| Canfield, G. C. † <i>pa</i>   | Whittier                         | Carofiglio, L. E.              | S. A. T. C.                  |
| Canmer, E. B. † <i>e</i>      | 90 William, E. Orange            | Caron, E. C. † <i>e</i>        | 151 W. 72                    |
| Cannon, E. E. † <i>b</i>      | 362 E. 30, Paterson              | Carothers, F. E. † <i>gr</i>   | 1154-49th, Bklyn.            |
| Cannon, E. H. † <i>pa</i>     | 420 W. 118                       | Carothers, M. I. † <i>pa</i>   | 423 W. 118                   |
| Cannon, F. D.                 | S. A. T. C.                      | Carpe, M. K. † <i>e</i>        | 123 and Amsterdam ave.       |
| Cannon, M. S. † <i>e</i>      | Gainsville, Fla.                 | Carpenter, A. C. <i>e</i>      | 145 Vermilyea ave.           |
| Cano, J. A. <i>gr</i>         | 535 W. 44                        | Carpenter, F. <i>m</i>         | 62 Gunther, Corona           |
| Canter, F. † <i>e</i>         | Milltown N. J.                   | Carpenter, H. L. † <i>b</i>    | 38 Hillside ave., Montclair  |
| Cantini, R. <i>e</i>          | 1401-73rd, Bklyn.                | Carpenter, M. F. † <i>ed</i>   | 519 W. 121                   |
| Cantor, E. M. <i>ph</i>       | 1526-51st, Bklyn.                | Carpenter, S. C. E. <i>e</i>   | 501 Fifth ave.               |
| Cantor, M. † <i>e</i>         | 2345 Broadway                    | Carpinello, E. A. <i>m</i>     | 1862 W. 8, Bklyn.            |
| Capen, L. I. † <i>e</i>       | 312 Kipp ave., Hasbrouck Heights | Carr, C. A. † <i>ed</i>        | 236 Christie Heights, Leonia |
| Capillon, E. A.               | S. A. T. C.                      | Carr, E. F. † <i>b</i>         | Furnald                      |
| Caplan, G. † <i>e</i>         | 1021 E. 180                      | Carrison, E. † <i>pa</i>       | Furnald                      |
| Caplan, S. <i>c</i>           | 1990 Valentine ave.              | Carroll, C. † <i>gr ed</i>     | Whittier                     |
| Caples, E. J. † <i>sp</i>     | 349 W. 121                       | Carroll, H. C. † <i>e</i>      | 46 Morningside ave., Yonkers |
| Caples, J. R.                 | Naval Unit                       | Carroll, J. E.                 | S. A. T. C.                  |
| Capocelli, G. † <i>gr</i>     | 530 W. 123                       | Carroll, J. W.                 | S. A. T. C.                  |
| Capps, B. <i>e</i>            | 681 Fifth ave.                   | Carroll, K. G. † <i>pa</i>     | Whittier                     |
| Caracciolo, V. <i>ph</i>      | 787 E. 161                       | Carroll, M. E. † <i>ed</i>     | 1230 Amsterdam ave.          |
| Carbo, P. G. <i>e</i>         | 131 W. 96                        | Carroll, P. F.                 | S. A. T. C.                  |
| Carbonara, T. A. † <i>b</i>   | 169a Utica ave., Bklyn.          | Carson, C. L. † <i>gr ed</i>   | 81 Ludlow, Yonkers           |
| Carduner, W. <i>e</i>         | 877 E. 165                       |                                |                              |
| Carey, C. L. † <i>b</i>       | Furnald                          |                                |                              |
| Carey, M. E. † <i>e</i>       | 21 State, Flushing               |                                |                              |
| Carhart, A. G. † <i>e</i>     | 214 Riverside dr.                |                                |                              |
| Carhart, G. M. † <i>b</i>     | Brooks                           |                                |                              |

- Carson, K. D. † *e*  
Gracie, New Canaan, Conn.
- Carter, A. † *b* 2 E. 127
- Carter, H. L. † *pa* Whittier
- Carter, N. R. † *pa* 106 Morningside dr.
- Carter, R. *c*
- Carter, R. L. † *b* 501 W. 121
- Carton, E. † *e* 1078 Forest ave.
- Cartwright, C. L. † *e* 94 N. 6, Newark
- Cartwright, E. K. † *e*  
264 Palisade ave., W. Hoboken
- Caruso, A. W. S. A. T. C.
- Caruso, D. *e* 194 Parker, Newark
- Caruthers, A., Jr. S. A. T. C.
- Cary, H. *e* 244 Madison ave.
- Case, A. L. † *pa* Furnald
- Case, A. T. † *gr ed* 419 W. 110
- Case, H. G. S. A. T. C.
- Casey, E. W. S. A. T. C.
- Casey, F. F. S. A. T. C.
- Casey, J. F. † *e* 545 Leonard, Bklyn.
- Cash, W. B. *e* 550 W. 114
- Cashman, G. A. *m* 346 W. 48
- Cashman, R. † *e* Inwood
- Casin, R. M. † *pa* 3089 Broadway
- Caskey, D. M. † *b*  
35 Greenridge ave., White Plains
- Cass, R. M. † *e* 118 Hooper, Bklyn.
- Cassasu, A. *m* 419 W. 147
- Cassell, A. *m*  
61 Bright, Jersey City
- Cassidy, A. M. † *e* 508 W. 114
- Castle, E. S. † *b* 607 W. 116
- Caswell, E. R. † *pa* Whittier
- Catalaus, J. S. Naval Unit
- Cates, V. S. † *e* Furnald
- Catlin, E. W. † *e* 435 W. 123
- Cauffman, R. T. Naval Unit
- Caulkins, G. W. *gr ed* 510 W. 124
- Cavanaugh, P. V. S. A. T. C.
- Cawein, J. *e* 1076 Boston rd.
- Cawley, A. J. *e* 1048 Amsterdam ave.
- Cawood, M. † *e* 420 W. 121
- Cayton, N. S. A. T. C.
- Ceasar, A. L. *e* 244 W. 99
- Cedar, G. † *e* 1440-50th, Bklyn.
- Cedar, M. J. S. A. T. C.
- Center, A. B. † *ed* 434 W. 120
- Centre, S. S. † *e* 434 W. 120
- Cerf, B. A. S. A. T. C.
- Cerina, J. A. S. A. T. C.
- Cervini, A. A. S. A. T. C.
- Chabon, E. † *e* 332 E. 4
- Chabarowsky, J. *c*  
1592 Eastern Pkway., Bklyn.
- Chadabe, I. † *ph* 72 E. 106
- Chadwick, D. J. S. A. T. C.
- Chadwick, I. E. *e* 611 W. 137
- Chadwick, N. B. † *e* 400 W. 118
- Chalmers, R. D. † *b* 2654 Marion ave.
- Chambellan, A. P. S. A. T. C.
- Chamberlain, G. R. S. A. T. C.
- Chamberlain, N. L. † *gr ed* 519 W. 121
- Chamberlain, W. H. *c*  
127 Claremont ave., Mt. Vernon
- Chamberlin, E. C. *gr* 1054 Clay ave.
- Chambers, A. J. *e* 72-25th, Elmhurst
- Chambers, U. G. *pa* 217 W. 137
- Champagne, M. † *e* Randall's Island
- Champlain, J. S. A. T. C.
- Chan, C. O. *gr* 18 W. 30
- Chan, Y. Y. *gr* 422 W. 115
- Chandler, A. H. † *gr* 423 W. 120
- Chandler, F. A. *m* 318 W. 57
- Chandler, R. E. *gr ed* 102 Convent ave.
- Chaney, J. B. S. A. T. C.
- Chang, C. K. *gr* 615 W. 115
- Chang, C. Y. *ed* 524 W. 123
- Chang, H. H. *gr* 420 W. 119
- Chang, J. S. *bu* 607 W. 139
- Chang, K. C. *a* 110 Morningside dr.
- Chang, S. L. *e* 510 W. 124
- Chang, S. M. K. † *ed* 615 Fifth ave.
- Chang, S. Y. *gr ed* 509 W. 122
- Chang, T. Z. *l* 430 W. 118
- Chang, Z. L. *gr ed* 600 W. 122
- Chang, Y. *gr* 416 W. 118
- Chang, Y. C. *gr* 505 W. 124
- Chanler, A. † *pa* 133 E. 40
- Chapin, Mrs. H. G. † *e* 603 E. 140
- Chapin, H. S. S. A. T. C.
- Chaplin, E. † *pa* 537 W. 121
- Chapman, A. † *gr ed* Whittier
- Chapman, C. F. S. A. T. C.
- Chapman, H. *e* Englewood
- Chapman, H. V. S. A. T. C.
- Chapman, H. Y. † *e* 780 Riverside dr.
- Chapman, W. L. S. A. T. C.
- Chappell, C. R. † *ed* 416 W. 122
- Chapsky, H. H. S. A. T. C.
- Charlsen, E. H. † *e* 601 W. 138
- Charlton, H. H. *gr* 470 E. 161
- Charms, J. O. S. A. T. C.
- Charney, S. † *e*  
425 New Jersey ave., Bklyn.
- Chasan, I. *m* 52 Maspeth ave., Maspeth



Chase, J. K. † *b* 607 W. 116  
 Chase, P. † *e* 453 Washington ave., Bklyn.  
 Chasnoff, J. S. *c* 245 Rivington  
 Chassevent, G. R. *e* 429 W. 154  
 Chattin, J. A. S. A. T. C.  
 Chauls, E. † *e* 1044 Forest ave.  
 Chavkin, C. I. *ph* 77 Lenox ave.  
 Cheatham, I. † *gr* Furnald  
 Checker, N. R. *e* 408 W. 23  
 Cheetham, D. B. *m* Blackwell's Island  
 Cheitel, D. S. A. T. C.  
 Chekrezi, C. O. *gr* 501 W. 123  
 Chen, C. Y. *mec* 414 W. 121  
 Chen, H. C. *gr* 558 W. 113  
 Chen, P. W. *e* 420 W. 121  
 Chen, Q. K. *gr* 1090 Amsterdam ave.  
 Chen, T. H. *gr* 425 W. 118  
 Chen, W. K. *gr* 16 Pell  
 Chen, Y. G. *gr* 510 W. 124  
 Chen, Y. M. *gr* 106 Morningside dr.  
 Chen, Y. S. *mec* 425 W. 118  
 Cheney, J. M. S. A. T. C.  
 Cheney, T. C. *e* 229 W. 101  
 Cheng, J. H. *gr* 510 W. 124  
 Cherey, D. † *gr ed* 315 Alexander ave.  
 Cherkasky, Nathan S. A. T. C.  
 Chermak, L. *e* 508 W. 134  
 Chesley, M. L. † *e* 446 Ocean ave., Bklyn.  
 Chew, S. W. † *e* 324 W. 83  
 Cheung, Y. T. *c* 8 E. 126  
 Chew, E. M. † *pa* Whittier  
 Chikusa, Mrs. A. H. † *e* 565 W. 190  
 Child, M. F. † *e* 106 Morningside dr.  
 Childs, M. L. † *e* 299 Main, Ridgfield Park  
 Chilton, T. H. Naval Unit  
 Chin, Y. L. *gr* 425 W. 118  
 Chinn, M. E. † *pa* 145 W. 138  
 Chipley, A. † *e* 15 E. 38  
 Chipman, G. W. *gr ed* 15 Clark, Bklyn.  
 Chipman, M. † A. S. N.  
 Chiu, W. *e* 16 Pell  
 Chivian, H. S. A. T. C.  
 Chmielewski, L. B. S. A. T. C.  
 Cho, P. O. *c* 500 W. 122  
 Cho, W. Y. *e* 547 W. 123  
 Chobot, R. *c* 8621 Twenty-first ave., Bklyn  
 Choey, B. *c* 540 W. 122  
 Choffy, S. A. *e* 160 Bidwell ave., Jersey City  
 Cholodenko, J. *e* 717 Eastern Pkway., Bklyn.

Choquart, M. L. † *sp* Brooks  
 Chorba, W. *c* 231 E. 68  
 Chow, C. P. *gr* 510 W. 124  
 Chow, T. C. *e* 500 W. 122  
 Christal, R. V. † *pa* Whittier  
 Christesen, M. C. S. A. T. C.  
 Christianson, E. † *gr ed* 537 W. 121  
 Christie, M. M. † *e* 40 Bayview ave., New Rochelle  
 Christoffers, K. S. A. T. C.  
 Christopher, M. E. † *e* 305 W. 120  
 Christophersen, C. F. S. A. T. C.  
 Chryn, S. *e* 668 Elizabeth, Perth Amboy  
 Chrystal, A. F. S. A. T. C.  
 Chu, C. H. *c* 457 W. 123  
 Chu, S. Y. *mec* 501 W. 121  
 Chu, T. W. *bu* 500 W. 122  
 Chuck, W. † *pa* Whittier  
 Chung, K. C. *gr* 400 Riverside dr.  
 Chung, W. † *pa* Whittier  
 Church, A. M. S. A. T. C.  
 Church, D. A. S. A. T. C.  
 Church, F. H. † *e* 81 Brookside pl., New Rochelle  
 Churton, E. † *pa* 503 W. 121  
 Ciancimino, C. J. *c* 8 Spring  
 Cinguina, M. L. S. A. T. C.  
 Citron, V. N. Naval Unit  
 Clabault, G. † *e* 352 W. 115  
 Claman, I. S. A. T. C.  
 Clapp, E. R. † *e* 9 Gramercy Park  
 Clapp, H. B., Jr. S. A. T. C.  
 Clapp, P. E. *gr* River rd., Rush, N. Y.  
 Clapp, W. L. S. A. T. C.  
 Clarick, J. J. *c* 80-1st, Elizabeth  
 Clark, A. M. † *e* 400 W. 118  
 Clark, B. W. † *gr ed* 235 E. 18  
 Clark, C. † *e* 501 W. 121  
 Clark, D. H. S. A. T. C.  
 Clark, E. K. † *e* 430 W. 118  
 Clark, E. T. *c* 614 W. 113  
 Clark, F. R. † *gr* 723 W. 177  
 Clark, H. † *pa* 80 St. James pl., Bklyn.  
 Clark, J. C. † *b* 606 W. 116  
 Clark, L. † *pa* 422 W. 119  
 Clark, L. E. † *e* 326 Paulison ave., Passaic  
 Clark, L. F. † *e* 430 W. 118  
 Clark, L. H. † *b* Brooks  
 Clark, L. L. † *b* 137 E. 57  
 Clark, M. A. † *gr ed* Furnald  
 Clark, M. G. † *gr ed* Newark State Normal School, Newark

|                              |                                |                              |                               |
|------------------------------|--------------------------------|------------------------------|-------------------------------|
| Clark, M. H. <i>e</i>        | 68 W. 117                      | Cobban, E. S. † <i>e</i>     | 222 E. 239                    |
| Clark, M. L. † <i>b</i>      |                                | Coblenzer, E. <i>e</i>       | 215 W. 23                     |
|                              | 836 Undercliff ave., Edgewater | Coburn, M. L. † <i>gr ed</i> | 121 W. 92                     |
| Clark, R. J. † <i>ed</i>     | 135 E. 52                      | Coburn, Z. A. † <i>e</i>     | Hotel Bretton Hall            |
| Clark, R. R. † <i>b</i>      | 342-50th, Bklyn.               | Coby, A. B.                  | S. A. T. C.                   |
| Clark, T. A. † <i>e</i>      | 509 W. 122                     | Cochran, M. F. † <i>ed</i>   | 160 Claremont ave.            |
| Clark, T. N.                 | Naval Unit                     | Cochrane, W. J.              | S. A. T. C.                   |
| Clark, W. H., Jr.            | S. A. T. C.                    | Cocke, F. C. † <i>b</i>      | Brooks                        |
| Clarke, E. G. † <i>e</i>     | Furnald                        | Coe, I. L. † <i>gr ed</i>    | 130 VanDyke, Bklyn.           |
| Clarke, E. W. <i>m</i>       | 35 W. 84                       | Coe, L. M.                   | S. A. T. C.                   |
| Clarke, F. E. † <i>e</i>     | 1050 Park pl., Bklyn.          | Coe, M. E. † <i>b</i>        | 606 W. 116                    |
| Clarke, H. St. J. † <i>b</i> | 416 W. 118                     | Coe, M. W. † <i>pa</i>       | 37 E. 71                      |
| Clarke, K. C. † <i>pa</i>    | 347 W. 57                      | Coen, E. A. <i>c</i>         | 399-1st, Bklyn.               |
| Clarke, M. H. † <i>e</i>     |                                | Coffey, K. F. † <i>b</i>     | 968 St. Nicholas ave.         |
|                              | 144 Stevens ave., Mt. Vernon   | Coffin, A. C. † <i>b</i>     | 606 W. 116                    |
| Clauder, F. N. † <i>e</i>    |                                | Coffin, D. H. † <i>gr</i>    | Whittier                      |
|                              | 6891 Putnam ave., Bklyn.       | Coffin, H. † <i>e</i>        | 30 Remsen, Bklyn.             |
| Claxton, O. H. P.            | S. A. T. C.                    | Coffin, M. O. † <i>b</i>     | Brooks                        |
| Claydon, P. DeB. <i>m</i>    |                                | Coffroth, H. K. <i>e</i>     | 666 St. Nicholas ave.         |
|                              | 128 W. 4, Mt. Vernon           | Cogan, A. G. † <i>e</i>      |                               |
| Cleaver, J. P.               | S. A. T. C.                    |                              | 1520 Seventeenth ave., Bklyn. |
| Clegg, M. A.                 | S. A. T. C.                    | Cogan, P. H.                 | S. A. T. C.                   |
| Clemans, E. V. † <i>j</i>    | Furnald                        | Cohan, J. H. † <i>e</i>      | 172 E. 108                    |
| Clement, A. A. † <i>e</i>    | 78 W. 103                      | Cohen, A. <i>e</i>           | 258 Hooper, Bklyn.            |
| Clement, B. B. † <i>pa</i>   |                                | Cohen, A. <i>m</i>           | 101-12th, Paterson            |
|                              | 18 S. Burnett, E. Orange       | Cohen, A. <i>m</i>           | 148 W. 118                    |
| Clement, C. T.               | S. A. T. C.                    | Cohen, A. J. † <i>e</i>      | 72 E. 97                      |
| Clement, L. Z. † <i>e</i>    | 2020 Broadway                  | Cohen, B. <i>e</i>           | 169 Edgcombe ave.             |
| Clemente, F. G.              | S. A. T. C.                    | Cohen, B. <i>ph</i>          | 192 Washington, Newburgh      |
| Clendenin, R. † <i>b</i>     |                                | Cohen, B. B. † <i>e</i>      | 508 E. 173                    |
|                              | 120 Vista pl., Mt. Vernon      | Cohen, C. <i>e</i>           | 977 Lafayette ave., Bklyn.    |
| Clevan, E. M.                | S. A. T. C.                    | Cohen, C. M. † <i>pa</i>     |                               |
| Cleveland, D. B. † <i>gr</i> |                                |                              | 2535 Ocean ave., Far Rockaway |
|                              | 980 Broadway, Woodcliffe       | Cohen, D. <i>c</i>           |                               |
| Cleveland, J. M.             | S. A. T. C.                    |                              | 190 Hamilton ave., Paterson   |
| Clevenger, J. R.             | S. A. T. C.                    | Cohen, D. B. <i>m</i>        | 122 Ninth ave.                |
| Clextion, E. W.              | S. A. T. C.                    | Cohen, D. J.                 | S. A. T. C.                   |
| Clingerman, M. † <i>e</i>    | 200 W. 70                      | Cohen, D. J. † <i>e</i>      | 146 S. 4, Bklyn.              |
| Close, F. M.                 | S. A. T. C.                    | Cohen, E.                    | S. A. T. C.                   |
| Cloud, M. E. † <i>e</i>      | 519 W. 121                     | Cohen, E. † <i>pa</i>        | Palisade                      |
| Clowery, D. A. <i>e</i>      | 495 Courtlandt ave.            | Cohen, E. <i>e</i>           | 2034 Pitkin ave., Bklyn.      |
| Coan, W. <i>e</i>            |                                | Cohen, F. <i>gr ed</i>       | 279 Hinsdale, Bklyn.          |
|                              | 147 Claremont ave., Montclair  | Cohen, G.                    | S. A. T. C.                   |
| Coates, E. L. † <i>b</i>     | 209 W. 107                     | Cohen, G. † <i>e</i>         | 145 W. 111                    |
| Cobacker, S. <i>e</i>        | 158 Delaware, Flushing         | Cohen, H. <i>e</i>           | 315 Thatford ave.             |
| Cobb, D. R. † <i>e</i>       | 410 W. 115                     | Cohen, H. † <i>e</i>         | 1884 Seventh ave.             |
| Cobb, E. I. † <i>gr ed</i>   | 416 W. 122                     | Cohen, H. B.                 | S. A. T. C.                   |
| Cobb, H. F. † <i>e</i>       | 606 W. 113                     | Cohen, H. B.                 | S. A. T. C.                   |
| Cobb, L. M. † <i>pa</i>      | 416 W. 122                     | Cohen, H. M. <i>e</i>        | 723 Garden, Hoboken           |
| Cobb, L. S. † <i>pa</i>      | 610 Lexington ave.             | Cohen, J. H.                 | S. A. T. C.                   |
| Cobb, M. E. † <i>gr</i>      | Furnald                        | Cohen, L. E. <i>c</i>        | 544 W. 157                    |
| Cobb, M. E. † <i>gr ed</i>   | Tarrytown                      | Cohen, M. <i>e</i>           | 73 W. 116                     |
| Cobb, M. W. † <i>e</i>       | Whittier                       | Cohen, M. <i>e</i>           | 1061 St. Nicholas ave.        |

|                               |                          |                              |                                      |
|-------------------------------|--------------------------|------------------------------|--------------------------------------|
| Cohen, M. A. <i>e</i>         | 509 E. 136               | Collins, L. C.               | S. A. T. C.                          |
| Cohen, M. B.                  | S. A. T. C.              | Collins, R. W. <i>gr</i>     | Union Theo. Seminary                 |
| Cohen, M. F. † <i>e</i>       | 85 W. 119                | Collisson, M. C. † <i>gr</i> | Furnald                              |
| Cohen, M. G.                  | S. A. T. C.              | Collyer, G. W. † <i>pa</i>   | 501 W. 120                           |
| Cohen, M. K.                  | S. A. T. C.              | Colman, J. <i>c</i>          | 92 Bristol, Bklyn.                   |
| Cohen, N.                     | S. A. T. C.              | Colmar, A. <i>ph</i>         | 125 W. 23                            |
| Cohen, N. B. <i>c</i>         | 3 Catherine              | Colonimos, M. J.             | S. A. T. C.                          |
| Cohen, P. <i>m</i>            | 147 W. 66                | Colsten, J. † <i>e</i>       | Barnard                              |
| Cohen, S. † <i>e</i>          | 654 Bedford ave., Bklyn. | Colton, A. B. † <i>e</i>     | 26 Stratford pl., Newark             |
| Cohen, S. <i>ph</i>           | 1754 Washington ave.     | Colucci, E. C. † <i>b</i>    | 512 Classon ave., Bklyn.             |
| Cohen, S. L. <i>m</i>         | 159 W. 80                | Colwell, H. <i>c</i>         | Hastings-on-Hudson                   |
| Cohen, S. L. <i>e</i>         | 1114-39th, Bklyn.        | Comellas, J. E.              | S. A. T. C.                          |
| Cohen, W.                     | S. A. T. C.              | Cominsky, S.                 | S. A. T. C.                          |
| Cohn, A. B. <i>c</i>          | 220 W. 98                | Comiskey, W. H. <i>e</i>     | 751 Ninth ave., Steinway, L. I. City |
| Cohn, A. H. † <i>e</i>        | 2053 Seventh ave.        | Commons, G. L. <i>ph</i>     | 2430 University ave.                 |
| Cohn, A. M.                   | S. A. T. C.              | Compton, R. B. <i>e</i>      | 1333 Merriam ave.                    |
| Cohn, C. † <i>gr</i>          | 39 Charles               | Comstock, J. M.              | S. A. T. C.                          |
| Cohn, E. M. † <i>i</i>        | 25 W. 123                | Comstock, M. E. † <i>b</i>   | 313 W. 86                            |
| Cohn, F. <i>e</i>             | Elizabeth                | Conant, R. R.                | S. A. T. C.                          |
| Cohn, J. <i>bu</i>            | 1942 Grand Concourse     | Condit, E. C.                | S. A. T. C.                          |
| Cohn, N. <i>c</i>             | 1308 Brook ave.          | Condit, E. C. † <i>ed</i>    | 275 Ocean ave., Bklyn.               |
| Cohn, R. A. <i>c</i>          | 605 W. 115               | Condon, A. L. † <i>pa</i>    | 87 Post ave.                         |
| Cohn, S.                      | S. A. T. C.              | Condon, L. R.                | Naval Unit                           |
| Cohn, S. † <i>e</i>           | 505 W. 142               | Cone, C. L. † <i>pa</i>      | Whittier                             |
| Cohn, S. B. <i>e</i>          | 630 W. 139               | Cone, D. N. † <i>gr</i>      | 40 E. 83                             |
| Cohon, J. H. <i>c</i>         | 330 Eighth ave.          | Cone, H. J.                  | S. A. T. C.                          |
| Colby, D. T. † <i>e</i>       | 2040 Seventh ave.        | Conger, G. P. <i>gr</i>      | Union Theo. Seminary                 |
| Cole, A. S. <i>e</i>          | 501 Fifth ave.           | Conklin, E. M. † <i>e</i>    | Queens                               |
| Cole, D. M. † <i>pa</i>       | 242 W. 11                | Conklin, E. W.               | S. A. T. C.                          |
| Colean, M. L.                 | S. A. T. C.              | Conklin, F. C. <i>e</i>      | 268 S. Fourth ave., Mt. Vernon       |
| Coleman, A. H. † <i>e</i>     | Mountain ave., Caldwell  | Conklin, J. <i>e</i>         | 654 St. Nicholas ave.                |
| Coleman, C. L. † <i>ed</i>    | 420 W. 119               | Conklin, M. G. † <i>pa</i>   | 268 Park, Hackensack                 |
| Coleman, C. V. † <i>e</i>     | 143 W. 80                | Conklin, T. H. <i>e</i>      | 434 W. 120                           |
| Coleman, M. B. † <i>gr</i>    | 419 W. 119               | Conkling, P. M. † <i>e</i>   | 292 Ryerson                          |
| Coleman, R. B. <i>c</i>       |                          | Conley, S. V. † <i>e</i>     | 3650 Boulevard, Jersey City          |
| Coleman, S. C. <i>e</i>       | 50 St. Marks pl.         | Connell, A. E. † <i>e</i>    | 434 W. 120                           |
| Colen, B. D. <i>e</i>         | 634 W. 135               | Connell, J. A. † <i>pa</i>   | 434 W. 120                           |
| Coley, B. L. <i>m</i>         | 340 Park ave.            | Connell, J. G. <i>e</i>      | 456 W. 113                           |
| Coley, L. J. <i>m</i>         | 340 Park ave.            | Connell, J. N. <i>m</i>      | 977 Summit ave., Jersey City         |
| Colin, R. F. <i>l</i>         | 726 Union ave.           | Connell, M. F. † <i>e</i>    | 730 E. 133                           |
| Collamore, M. † <i>pa</i>     | 150 E. 72                | Connolly, E. L. † <i>pa</i>  | Whittier                             |
| Collens, A. I.                | Naval Unit               | Connolly, P. A. <i>e</i>     | 303 W. 78                            |
| Colles, M. A. † <i>e</i>      | 54 Livingston, Bklyn.    | Connor, E. M. † <i>e</i>     | 75 Bryant, Rahway                    |
| Collins, A. M. <i>c</i>       | 605 W. 141               | Connor, W. R.                | S. A. T. C.                          |
| Collins, A. V. <i>gr ed</i>   | 501 W. 121               | Conova, Z. † <i>e</i>        | 600 Riverside dr.                    |
| Collins, B. E. † <i>ed</i>    | 416 W. 118               |                              |                                      |
| Collins, C. P.                | S. A. T. C.              |                              |                                      |
| Collins, C. A.                | S. A. T. C.              |                              |                                      |
| Collins, H. † <i>e</i>        | 2332 University ave.     |                              |                                      |
| Collins, H. A.                | S. A. T. C.              |                              |                                      |
| Collins, K. M. † <i>gr ed</i> | 2023 Honeywell ave.      |                              |                                      |

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|------------------------------------------|----------------------------|------------------------------|------------------------------|
| Conover, B. R. † <i>ed</i>               |                            | Corletti, J.                 | S. A. T. C.                  |
| 14 Chatham pl., N. Plainfield            |                            | Cormier, E. M. † <i>ed</i>   | Teachers College             |
| Conover, E. G. † <i>pa</i>               | Whittier                   | Cornish, W. Y. † <i>e</i>    | 230 W. 107                   |
| Conover, J. P.                           | S. A. T. C.                | Corse, E. † <i>b</i>         | Brooks                       |
| Conrad, W. L.                            | S. A. T. C.                | Corsi, E. F.                 | S. A. T. C.                  |
| Conrad, W. R. <i>e</i>                   | 71 Broadway                | Cortes, A. J. D. <i>e</i>    |                              |
| Conroy, L. M.                            | S. A. T. C.                |                              | St. Peter's Hosp., Bklyn.    |
| Consalus, F. H. † <i>gr ed</i>           | 537 W. 121                 | Corvejal, J. A. <i>c</i>     | 5 Livingston pl,             |
| Conschafter, V. S.                       | Naval Unit                 | Corwin, E. E. † <i>m</i>     | 146 Second ave., Newark      |
| Considine, L. E.                         | S. A. T. C.                | Corwin, T. G. <i>e</i>       | 412 W. 115                   |
| Conte, A. G. <i>e</i>                    | Harlem Y. M. C. A.         | Cossow, A. † <i>b</i>        | 609 W. 191                   |
| Conte, T. J.                             | S. A. T. C.                | Cossow, L. † <i>e</i>        | 609 W. 191                   |
| Contreras, C. <i>a</i>                   | 608 W. 113                 | Costa, J. A.                 | S. A. T. C.                  |
| Conway, E. D. † <i>b</i>                 | Brooks                     | Coster, P. E.                | Naval Unit                   |
| Cook, D.                                 | S. A. T. C.                | Costifas, D. D. <i>e</i>     | 30 Church                    |
| Cook, D. A.                              | S. A. T. C.                | Cotter, J. M. † <i>e</i>     | 601 W. 184                   |
| Cook, D. L. † <i>e</i>                   | 430 W. 118                 | Cotter, M. A. † <i>e</i>     |                              |
| Cook, F. W. † <i>e</i>                   | 523 W. 121                 |                              | 157 Van Busen, Passaic       |
| Cook, M. C. † <i>pa</i>                  | Whittier                   | Cotton, L. B. † <i>e</i>     | 80 Essex ave., Orange        |
| Cook, S. R. <i>e</i>                     | 500 W. 122                 | Cottrell, E. † <i>pa</i>     | Whittier                     |
| Cook, T. J. <i>e</i>                     | 118 Wicks ave., Yonkers    | Cottrell, L. B. † <i>b</i>   | 777 West End ave.            |
| Cook, V. † <i>e</i>                      | 106 Morningside dr.        | Couch, O. G. † <i>gr</i>     | 204 W. 108                   |
| Cook, Z. E. † <i>ed</i>                  | 537 W. 121                 | Coughlin, J. <i>ed</i>       | 318 W. 57                    |
| Cooke, G. A. † <i>b</i>                  | 523 Lorimer, Bklyn.        | Coulter, C. M.               | S. A. T. C.                  |
| Cooke, L. E. † <i>e</i>                  | 128 W. 74                  | Coulter, J. E. † <i>ed</i>   | Grantwood                    |
| Cooke, R. M.                             | S. A. T. C.                | Coulter, J. H. <i>gr ed</i>  | Greenwich, Conn.             |
| Cooke, V. L. † <i>ed</i>                 | 184 Elm ave., Rahway       | Courtade, M. † <i>e</i>      | 526 E. 87                    |
| Cookingham, B. A. † <i>ed</i>            | 25 W. 104                  | Courtis, S. A. <i>ed</i>     | 417 W. 118                   |
| Cooksey, C. I. † <i>b</i>                |                            | Courtney, B. F. † <i>e</i>   | 160 E. 91                    |
| 224 W. Lincoln ave., Mt. Vernon          |                            | Couse, E. W. † <i>pa</i>     | Whittier                     |
| Cooley, A. †                             | A. S. N.                   | Coutts, A. J. † <i>gr ed</i> | 419 W. 110                   |
| Cooley, M. M. † <i>ed</i>                | 439 W. 123                 | Covelli, G. <i>ph</i>        | 402 E. 116                   |
| Coombes, W. <i>bu</i>                    | Livingston                 | Coveney, M. C. † <i>e</i>    |                              |
| Coombs, A. B.                            | S. A. T. C.                |                              | 23 Tichenor, Newark          |
| Coonrod, M. E. † <i>gr ed</i>            | Whittier                   | Cover, J. H. <i>gr</i>       | 419 W. 119                   |
| Coons, M. † <i>e</i>                     | 420 E. 141                 | Covert, A. DeB. † <i>b</i>   |                              |
| Cooper, A. W.                            | S. A. T. C.                |                              | The Drive, Richmond Hill     |
| Cooper, F. E. <i>e</i>                   | 468 Riverside dr.          | Cowan, E. H.                 | S. A. T. C.                  |
| Cooper, I. <i>ph</i>                     |                            | Cowan, H. L. <i>e</i>        | 9 E. 85                      |
| 1595 Castleton ave., Pt. Richmond, S. I. |                            | Cowan, L. R. <i>m</i>        | 437 W. 59                    |
| Cooper, R. D.                            | S. A. T. C.                | Cowan, P. E.                 | S. A. T. C.                  |
| Cooper, S. J.                            | S. A. T. C.                | Cowell, L. E.                | S. A. T. C.                  |
| Cooper, W. S., Jr.                       | S. A. T. C.                | Cowen, E.                    | S. A. T. C.                  |
| Cooperman, S. <i>ph</i>                  | 312 E. 8                   | Cowen, R. H.                 | S. A. T. C.                  |
| Copeland, A. B. † <i>gr</i>              | 156 W. 128                 | Cowen, R. I.                 | S. A. T. C.                  |
| Copperman, M. A. † <i>e</i>              | 498 Concord ave.           | Cowie, G. C.                 | S. A. T. C.                  |
| Coqueron, F. G.                          | S. A. T. C.                | Cowie, J. H.                 | S. A. T. C.                  |
| Corbett, F. J.                           | S. A. T. C.                | Cowins, R. M. <i>e</i>       | Hartley                      |
| Corbin, A. S. <i>e</i>                   | 230 Boulevard, Passaic     | Cowles, T. H.                | S. A. T. C.                  |
| Corbin, E. L. † <i>pa</i>                | 164 S. Oxford, Bklyn       | Cowley, A. † <i>e</i>        | 410 Riverside dr.            |
| Cordo, J. M.                             | S. A. T. C.                | Cowley, M. E. † <i>e</i>     | 410 Riverside dr.            |
| Corduner, W. <i>e</i>                    | 877 E. 165                 | Cox, A. S. † <i>e</i>        | 115 Evergreen pl., E. Orange |
| Corio, G. A. <i>m</i>                    | 43 Logan ave., Jersey City |                              |                              |



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|--------------------------------|----------------------------------|-------------------------------|--------------------------------|
| Cox, Mrs. F. B. † <i>bu</i>    | 725 W. 172                       | Crofton, K. † <i>e</i>        | 477 W. 144                     |
| Cox, K. † <i>e</i>             | St. John's School, Boonton       | Crofut, A. A. † <i>e</i>      | 34 E. 32                       |
| Cox, M. L. † <i>b</i>          | 36 Grove, Cranford               | Crogan, I. C. † <i>gr ed</i>  | 123 W. 34, Bayonne             |
| Cox, T. † <i>gr ed</i>         | Ardasley, N. Y.                  | Crogan, M. M. † <i>gr ed</i>  | 123 W. 34, Bayonne             |
| Coxhead, C. B. † <i>e</i>      | 131 E. 21, Paterson              | Croll, V. † <i>pa</i>         | 262 S. Fifth ave., Mt. Vernon  |
| Coxhead, J.                    | S. A. T. C.                      | Cronin, H. R. † <i>e</i>      | 3360 Ft. Independence          |
| Coxley, I. H. † <i>pa</i>      | 302 Fourth ave., W., Roselle     | Crook, R. M. † <i>e</i>       | 504 W. 111                     |
| Coyne, G. K. † <i>e</i>        | 2026 Ryer ave.                   | Crookall, M. M. † <i>b</i>    | Brooks                         |
| Coyne, M. A. † <i>e</i>        | 44 E. 23                         | Croselmire, N. S. † <i>pa</i> | Whittier                       |
| Cozine, D. C. † <i>pa</i>      | 305 Eighth ave., Bklyn.          | Crosier, H. D. † <i>e</i>     | 99 Claremont ave.              |
| Crabtree, R. F. † <i>b</i>     | Whittier                         | Cross, N. B. † <i>ed</i>      | 415 W. 118                     |
| Crabtree, R. T. † <i>gr ed</i> | Whittier                         | Crossley, H. P.               | S. A. T. C.                    |
| Cracovaner, A. J. † <i>c</i>   | 362 W. 45                        | Croswell, E. I. † <i>e</i>    | 627 Bramhall ave., Jersey City |
| Cracovaner, D. J.              | S. A. T. C.                      | Crothers, G. E. † <i>e</i>    | 596 Eastern Pkway., Bklyn.     |
| Craft, H. J.                   | S. A. T. C.                      | Crouch, A. G.                 | S. A. T. C.                    |
| Crafts, J. F., Jr.             | S. A. T. C.                      | Crowe, H. L. O'L. † <i>gr</i> | 14 E. 37                       |
| Cragin, E. H. † <i>gr</i>      | 417 W. 120                       | Crowell, C. L. † <i>pa</i>    | 509 W. 121                     |
| Crahan, M. G. † <i>e</i>       | 436 Ft. Washington ave.          | Crowley, M. P. † <i>b</i>     | 606 W. 116                     |
| Craig, H. M. † <i>e</i>        | 771 Lincoln pl., Bklyn.          | Crown, J. I.                  | S. A. T. C.                    |
| Craig, M. A. † <i>ed</i>       | 519 W. 121                       | Crozier, A. O. † <i>gr</i>    | 403 W. 115                     |
| Craig, V. L. † <i>e</i>        | 106 Morningside dr.              | Crum, A. † <i>gr ed</i>       | Far Rockaway                   |
| Cram, H. W.                    | S. A. T. C.                      | Crumley, R. L. † <i>pa</i>    | Whittier                       |
| Cramer, C. R. † <i>pa</i>      | Whittier                         | Cruzat, M. A. † <i>e</i>      | 80 E. 121                      |
| Cramer, E. M. † <i>pa</i>      | Whittier                         | Crystal, G. † <i>e</i>        | 835 Fox                        |
| Cramer, H. K. † <i>e</i>       | 328 W. 96                        | Crystal, R. † <i>e</i>        | 336 W. 71                      |
| Crames, P.                     | S. A. T. C.                      | Crystal, S. † <i>e</i>        | 336 W. 71                      |
| Crampton, H. M. † <i>pa</i>    | 2880 Broadway                    | Cubberley, E. J. † <i>pa</i>  | Teachers College               |
| Crandall, L. M. † <i>b</i>     | 620 W. 122                       | Cuce, F. G. † <i>e</i>        | 24 W. 113                      |
| Crane, D. † <i>pa</i>          | Whittier                         | Cucuel, W. R. † <i>e</i>      | 30 E. 42                       |
| Crane, E. E. † <i>e</i>        | 2015 Bedford ave., Bklyn.        | Cullinane, M. † <i>e</i>      | 415 W. 120                     |
| Crane, J. E. † <i>gr ed</i>    | 88 Berwyn, Orange                | Culver, H. B. † <i>gr ed</i>  | 434 W. 120                     |
| Craske, H.                     | S. A. T. C.                      | Culver, M. P. † <i>gr</i>     | Stony Brook, N. Y.             |
| Craven, D. D. † <i>b</i>       | 296 Woodworth ave, Yonkers.      | Cumming, C. G. † <i>gr</i>    | Union Theo. Seminary           |
| Crawford, A. V. † <i>pa</i>    | 103 Duncan ave., Jersey City     | Cumming, H. M. † <i>pa</i>    | Furnald                        |
| Crawford, H. L. † <i>e</i>     | 420 W. 116                       | Cumming, J. † <i>gr</i>       | Huntington                     |
| Crawford, C. † <i>pa</i>       | Furnald                          | Cumming, S. † <i>e</i>        | 509 W. 122                     |
| Crecca, J. D. † <i>e</i>       | 111 Park ave., Newark            | Cuneo, J. J. † <i>e</i>       | 21 W. 8                        |
| Creech, M. C. † <i>e</i>       | 141 Franklin ave., Staten Island | Cunningham, L. † <i>ed</i>    | 351 E. 74                      |
| Creighton, S. † <i>e</i>       | 600 W. 115                       | Cunningham, M. L. † <i>ed</i> | Whittier                       |
| Cressey, C. M. † <i>pa</i>     | 340 W. 85                        | Curnow, D. E. † <i>m</i>      | 342-4th, Bklyn.                |
| Cricher, A. L.                 | Naval Unit                       | Curnow, E. L. † <i>b</i>      | 342-4th, Bklyn.                |
| Crissey, L. V. † <i>e</i>      | 30 Van Reyepen, Jersey City      | Curnow, G. T., Jr.            | S. A. T. C.                    |
| Crites, J. E., Jr. † <i>gr</i> | Livingston                       | Curran, C. L. † <i>e</i>      | 130 W. 46                      |
| Crocheron, M. G. † <i>pa</i>   | Mt. Vernon                       | Currey, B. R.                 | S. A. T. C.                    |
| Crocker, R. H.                 | S. A. T. C.                      | Currier, G. M. † <i>gr ed</i> | 520 W. 123                     |
|                                |                                  | Currier, M. † <i>gr ed</i>    | 420 W. 121                     |
|                                |                                  | Currier, N. B. † <i>pa</i>    | 547 W. 123                     |
|                                |                                  | Curry, A. C.                  | Naval Unit                     |
|                                |                                  | Curry, E. M. † <i>b</i>       | 607 W. 116                     |

|                                                     |                                |                              |                                 |
|-----------------------------------------------------|--------------------------------|------------------------------|---------------------------------|
| Curry, H. M. † <i>e</i>                             | 314 W. 114                     | Darling, K.                  | S. A. T. C.                     |
| Curry, J. McC.                                      | S. A. T. C.                    | Darmstatter, N. E.           | Naval Unit                      |
| Curry, T. A. <i>c</i>                               | 630 W. 135                     | Darmstatter, W. C.           | S. A. T. C.                     |
| Curtin, H. L. †                                     | A. S. N.                       | Darrow, M. J. † <i>e</i>     | 35 Claremont ave.               |
| Curtin, L. P. <i>c</i>                              | 617 W. 115                     | Dart, M. M. † <i>gr</i>      | 108 W. 96                       |
| Curtis, H. C. <i>m</i>                              | 346 W. 57                      | Dashowitz, D. <i>ph</i>      | 115 Columbia                    |
| Curtiss, L. K. † <i>b</i>                           | Brooks                         | Dassau, A. M. † <i>e</i>     | 34 Prospect ave., E. W'msburg   |
| Curzio, M. <i>e</i>                                 | 501 E. 115                     | D'Aulby, G.                  | S. A. T. C.                     |
| Cusack, J. T.                                       | S. A. T. C.                    | Davenport, D. D. † <i>pa</i> | 37 E. 71                        |
| Cushman, D. † <i>e</i>                              | 50 Morningside dr.             | Davenport, I. † <i>gr ed</i> | 220 W. 120                      |
| Cutler, H. B. † <i>pa</i>                           | Whittier                       | Davey, D. C. † <i>b</i>      | 167 W. 231                      |
| Cutler, L. <i>ph</i>                                | 134 Henry                      | Davey, V. † <i>e</i>         | 1242 Garden, Hoboken            |
| Cutler, R. † <i>e</i>                               | 15 W. 35, Sea Gate             | David, A.                    | S. A. T. C.                     |
| Cymrot, M.                                          | S. A. T. C.                    | David, J. W. <i>m</i>        | 437 W. 59                       |
| Czarnomska, M. E. J. † <i>gr</i>                    | 417 W. 120                     | Davidoff, E. <i>c</i>        | 1018 E. 163                     |
| Dabney, E. P. † <i>e</i>                            | 128 W. 74                      | Davidson, D. <i>e</i>        | 854 Lexington ave.              |
| Dafoe, H. I. † <i>gr</i>                            | Furnald                        | Davidson, H. B. <i>m</i>     | 304 W. 92                       |
| Dahl, L. T. <i>e</i> 24 College pl., Ridgefield Pk. |                                | Davidson, I. N. <i>gr</i>    | 706 Riverside dr.               |
| Dahlberg, I. J. † <i>gr</i>                         | 365-53rd, Bklyn.               | Davidson, L. M. † <i>pa</i>  | 106 Morningside dr.             |
| Dahnke, M. P. † <i>pa</i>                           | 523 W. 121                     | Davidson, M. † <i>b</i>      | Brooks                          |
| Dailey, D. † <i>gr</i>                              | 501 W. 121                     | Davied, E. M. † <i>e</i>     | 340 W. 85                       |
| Dailey, E. L. † <i>pa</i>                           | Whittier                       | Davies, M. P. † <i>pa</i>    | Edsall blvd., Palisades         |
| Dailey, E. R. † <i>e</i>                            | 419 W. 110                     | Davis, B. † <i>gr ed</i>     | Furnald                         |
| Daing, L. <i>c</i>                                  | 404 W. 23                      | Davis, C. H. † <i>e</i>      | 540 W. 122                      |
| D'Aintolo, A. <i>c</i>                              | 520 W. 124                     | Davis, C. P.                 | S. A. T. C.                     |
| Dalchow, G. † <i>e</i>                              | 2442 Lorillard pl.             | Davis, D. W. <i>m</i>        | 38 S. Arlington ave., E. Orange |
| Dale, I. J. † <i>e</i>                              | Waldorf-Astoria                | Davis, E. <i>c</i>           | 38 W. 38                        |
| Dale, J. E. † <i>sp</i>                             | 643 Lafayette ave., Mt. Vernon | Davis, E. F. † <i>e</i>      | 434 W. 120                      |
| Dalton, I. E. G. † <i>gr</i>                        | 5000 Broadway                  | Davis, H. † <i>pa</i>        | 329 N. Grove, E. Orange         |
| Daly, M. E. † <i>e</i>                              | 62 W. 101                      | Davis, H. K. † <i>pa</i>     | Great Neck, L. I.               |
| Daly, W. J.                                         | Naval Unit                     | Davis, H. T.                 | S. A. T. C.                     |
| D'Amato, L. G. <i>e</i> 471 Carroll st., Bklyn.     |                                | Davis L. <i>ed</i>           | 547 W. 123                      |
| Dammann, M. M. † <i>e</i>                           | 412 Stone ave., Bklyn.         | Davis, L. † <i>e</i>         | 542 W. 124                      |
| Dan, J. M. <i>c</i>                                 | 1245 College ave.              | Davis, M.                    | S. A. T. C.                     |
| Dana, G. † <i>b</i>                                 | 371 W. 116                     | Davis, M. † <i>pa</i>        | 21 E. 63                        |
| Dana, H. S. † <i>e</i>                              | Hastings-on-Hudson             | Davis, M. † <i>ed</i>        | 510 W. 123                      |
| Danahy, L. <i>e</i> Bedford Branch, Y. M. C. A      |                                | Davis, M. B. † <i>gr ed</i>  | 547 W. 123                      |
| Daneke, H. D.                                       | S. A. T. C.                    | Davis, M. D. † <i>ed</i>     | 434 W. 120                      |
| Danes, J. T. <i>gr ed</i>                           | Brewster, N. Y.                | Davis, M. L. <i>gr ed</i>    | 540 W. 122                      |
| Dang, S. N. <i>c</i>                                | 16 Pell                        | Davis, M. McP. † <i>pa</i>   | 106 Morningside dr.             |
| Daniel, R. C.                                       | S. A. T. C.                    | Davis, M. P. † <i>e</i>      | Whittier                        |
| Daniels, E. † <i>ed</i>                             | 540 W. 122                     | Davis, M. S. † <i>gr ed</i>  | 412 Ninth ave.                  |
| Daniels, E. M. † <i>b</i>                           | 630 Guion ave., Richmond Hill  | Davis, P. N. † <i>ph</i>     | 158 W. 131                      |
| Danihy, H. F.                                       | Naval Unit                     | Davis, R. M. † <i>e</i>      | 110 Morningside dr.             |
| Dann, D. S. <i>m</i>                                | 10 W. 61                       | Davis, V. H. † <i>e</i>      | 10 W. 11                        |
| D'Archangelis, L. <i>ph</i>                         | 31 W. 63                       | Davidson, E. D. † <i>pa</i>  | Furnald                         |
| Darcy, M. C. † <i>ed</i>                            | 1594 Hayes Ave., Elmhurst      | Davison, H.                  | S. A. T. C.                     |
| D'Arecca, J.                                        | S. A. T. C.                    | Davisson, C. W.              | S. A. T. C.                     |
| Dargeon, H. W. <i>m</i>                             | 215 W. 129                     | Davy, E. J. † <i>gr</i>      | 105 E. 22                       |
|                                                     |                                | Dawson, A. O.                | S. A. T. C.                     |
|                                                     |                                | Dawson, M. † <i>e</i>        | 110 and Amsterdam ave.          |

Dawson, M. E. † *ed*  
190 Leonia ave., Leonia  
Dawson, Mrs. N. A. † *e* 420 W. 119  
Day, E. † *ed* Cedarhurst  
Dayan, M. † *gr ed* 138 Joralemon, Bklyn.  
Dayton H. D. † *b* 4717 Sixth ave., Bklyn.  
Dayton, M. I. † *gr ed* Tuckahoe, N. Y.  
Dayton, R. McC. † *e* 190 Riverside dr.  
Daytz, B. *ph* 1804 Belmont ave.  
Dealey, A. G. † *pa* Whittier  
Dean, G. S. A. T. C.  
Dearborn, E. B. † *e* 357 W. 115  
Dearborn, H. J. † *pa* Whittier  
Dearing, E. R. † *e* 419 W. 110  
Dearstyn, S. C. S. A. T. C.  
Deas, S. † *gr ed* Whittier  
DeBardeleben, C. T. † *e* 165 W. 85  
DeBellis, H. *m* 152 Eighth ave.  
DeCasare, J. R. *e*  
62 Atlantic ave., Bklyn  
Deck, S. A. † *e* 272 Kingston ave., Bklyn.  
Deckelmeier, E. L. † *e*  
216 Angelique, Weehawken  
Decker, J., Jr. S. A. T. C.  
Decker, K. L. † *b* 1939 Washington ave.  
Decker, M. G. *e* 542 W. 124  
Decker, P. O. S. A. T. C.  
Decker, R. K. S. A. T. C.  
Decker, S. W. S. A. T. C.  
deCrignis, P. N. † *e*  
105-11th, W. New York  
Dee, M. R. † *e* 1113 Teller Ave.  
Deegan, J. K. S. A. T. C.  
Deely, R. F. S. A. T. C.  
DeFronzo, A. F. S. A. T. C.  
Degen, D. M. † *b* 106 Morningside dr.  
Degener, J. F. *e* 225 W. 86  
Degenhardt, H. W. S. A. T. C.  
deGoenaga, C. † *b* 195 Claremont ave.  
deGraff, T. B. † *b* 141 W. 104  
De Hoff, A. † *e* 350 Ocean ave., Bklyn.  
De Journette, J. † *e* 501 W. 121  
deKay, O., *c* 413 W. 23  
Dekema, A. *e*  
186 Oakwood ave., Hudson Heights  
deKernay, A. † *gr* 511 W. 181  
De la Barra, F. *e* 350 W. 88  
Delafield, E. † *b* 20 W. 58  
de la Fontaine, E. † *b* 1956 Crotona pkwy.  
Delaney, E. J. F. *e* 127 W. 106  
Delany, S. L. † *pa* 17 W. 132  
de Lima, L. S. A. † *e* 21 E. 82  
Dell'Abate, A. *ph* 1714-74th, Bklyn.

Della Morte, L. D. *l* 531 W. 113  
Dellinger, S. C. *m* 547 W. 123  
Delman, A. *ph* 183 Tenth ave.  
Del Monte, J. D. *c* 251 W. 89  
De Loca, C. G. S. A. T. C.  
de Mackiewicz, J. H. *ph*  
15 Echo ave., New Rochelle  
De Mar, M. A. *ph* Pt. Washington, N. Y.  
Demarest, S. F. † *e* 266 State, Hackensack  
Demarest, V. A. † *e* 89 John, Englewood  
de Marico, M. *e* 137 E. 116  
deMercado, A. *c*  
De Michele, J. *e*  
33 North ave., New Rochelle  
De Mille, J. B. S. A. T. C.  
de Monte Verde, S. S. † *e*  
121-44th, Corona  
de Montpelier, J. † *e* 344 W. 87  
De Mott, B. N. † *e* Millington  
Demovitch, J. S. *e* 261 Broadway  
Dempsey, E. A. † *e*  
360 Jackson ave., Long Island City  
Dempsey, H. M. Naval Unit  
DeMuria, E. H. *m* 224 Johnson, Bklyn.  
Demura, K. *gr* Union Theo. Seminary  
Denel, V. G. † *b* 130 Claremont ave.  
Denell, C. P. † *pa* 750 Main, Hackensack  
Dennett, E. E., † *gr ed* 135 E. 52  
Dennis, E. E. † *gr ed* Whittier  
Dennis, J. A., Jr. S. A. T. C.  
Dennis, M. C. † *pa* 15 Claremont ave.  
Denny, G. G. † *gr ed* 400 W. 118  
Denton, F. R. *e* 317 W. 99  
Denton, M. E. † *e* 601 W. 115  
de Paredes, G. G. *ph*  
396 Sackett, Bklyn.  
DePasse, A. *e* 49 Claremont ave.  
Depres, J. A. S. A. T. C.  
Derbyshire, A. J. *gr*  
110th and Morningside dr.  
DeRenne, W. W. † *e*  
Derieux, S. A. *e* 80 Grove  
deRoche, E. † *pa*  
227 Bloomfield ave., Passaic  
Derowich, L. S. A. T. C.  
Dery, O. † *e* 570 W. 182  
deSanto, C. H. *e* 533 Tinton ave.  
Desmond, M. T. † *e*  
329 Kingston ave., Bklyn.  
deSoto, L. E. *e* 504 W. 135  
deStefano, A. E. † *e* 1 King  
Detmer, J. V. *c* Plaza Hotel  
Detraz, M. J. † *gr ed* 510 W. 123

- Dettloff, A. S. A. T. C.  
 Deutsch, F. † *e* 1864 Seventh ave.  
 Deutsch, N. † *pa* 265 Henry  
 De Vinney, L. L. † *pa* 130 Claremont ave.  
 deVries, J. P. *e* 102 Remsen, Bklyn.  
 Dewey, G. W. *e* 536 Gregory ave., Weehawken  
 Dewey, L. A. † *b* Brooks  
 Dewey, L. A. † *b* 606 W. 116  
 Dewing, E. † *e* 320 W. 107  
 De Witt, Donald A. S. A. T. C.  
 DeWitt, K. E. † *pa* 124 Grant ave., Elizabeth  
 DeWitt, L. A. † *e* 501 Clifton ave., Newark  
 Dexter, G. M. *e* 129 Urban, Mt. Vernon  
 Dexter, W. F. *gr ed* 520 W. 124  
 Deyo, H. S. A. T. C.  
 DeZeller, M. P. † *gr ed* 472 W. 22  
 d'Humy, E. T. † *pa* 166 Tenafly rd., Englewood  
 Diak, J. *e* 345 W. 56  
 Diamond, J. S. A. T. C.  
 Diamond, S. R. Naval Unit  
 Diasio, F. A. *c* 331 E. 108  
 Diaz, M. T. † *e* 16 W. 109  
 Dibble, F. J. † *pa* Whittier  
 Dick, F. E. † *ed* 116 Warburton ave., Yonkers  
 Dick, P. M. S. A. T. C.  
 Dicker, R. N. *e* 1058 Clay ave.  
 Dickes, J. *e* 208 Livingston, Newark  
 Dickie, G. W. *m* 453 W. 57  
 Dickinson, L. F. Naval Unit  
 Dickson, M. † *e* 2135 Seventh ave.  
 Dickstein, D. † *e* 145 W. 111  
 Didcoct, J. J. *gr ed* 114 Morningside dr.  
 Diece, W. C. *e* 340 E. 87  
 Diefendorf, D. L. † *pa* Whittier  
 Dieffenbacher, A. E. † *ed* 82 Hamilton ave., Yonkers  
 Diehl, E. C. † *gr ed* 62 Leicester, Portchester  
 Diehl, V. M. † *b* 512 Jersey ave., Jersey City  
 Diescher, V. H. *e* 151 Himrod, Bklyn.  
 Dietrich, D. I. † *pa* Whittier  
 Dietrich, H. L. *c* 219 E. 17, Bklyn.  
 Dietz, P. E. Naval Unit  
 Diffley, W. J. *e* 436 W. 124  
 Di Geronimo, A. *ph* 213 Navy, Bklyn.  
 Diggs, A. O. S. A. T. C.
- Digney, F. J. S. A. T. C.  
 Dilg, A. F. J. † *e* 790 Riverside dr.  
 Dill, E. A. † *pa* 417 W. 120  
 Diller, H. E. † *e* 419 W. 119  
 Diller, M. † *e* 335 Lafayette ave., Bklyn.  
 Dilley, M. E. † *gr* Furnald  
 Dillman, Mrs. N. G. † *e* 68 Burnett, Maplewood, N. J.  
 Dillon, M. K. † *pa* Whittier  
 Dillon, W. A. S. A. T. C.  
 Di Lorenzo, C. *m* 2320 Hughes ave.  
 Di Martino, G. A. *e* 2170 Belmont ave.  
 Dimmick, A. E. † *pa* Whittier  
 Dimmitt, B. M. † *e* 423 W. 120  
 Dinegar, R. H. F. *m* 10 W. 83  
 Dingee, S. P. † *e* 875 Lafayette ave., Bklyn.  
 Dinsmore, E. A. † *b* 620 W. 122  
 Dioguardi, G. † *e* 47-49th, Corona, L. I.  
 Dirlam, H. C. *e* 71 Van Sicklen ave., Bklyn.  
 Ditmars, F. A. S. A. T. C.  
 Dittmar, M. A. *ph* 766 West Side ave., Jersey City  
 Dixon, G. G. *m* 168 St. Johns pl., Bklyn  
 Dixon, L. S. † *e* 205 W. 87  
 Dixon-Welch, M. D. † *b* 110 Morningside dr.  
 Dixon, M. S. † *e* 205 W. 87  
 Dixon, V. † *gr* Furnald  
 Doane, H. S. A. T. C.  
 Dobbin, A. V. † *e* 229 W. 101  
 Doboin, E. G. S. A. T. C.  
 Dochtermann, E. † *b* 30 Post ave.  
 Docker, G. P. † *e* 454 Riverside dr.  
 Dodd, J. A. † *e* 597 E. 27, Paterson  
 Dodd, N. † *e* 505 W. 112  
 Dodd, N. C. † *gr ed* 405 W. 118  
 Dodge, B. F. † *gr ed* 501 W. 120  
 Dodge, S. M. † *ed* 236 Christie Heights  
 Dodson, P. O. † *pa* 136 E. 19  
 Dodsworth, A. M. † *e* Englewood  
 Doehleman, C. M. † *e* 620 W. 116  
 Doerschuk, B. † *e* 418 W. 130  
 Doherty, H. G. † *e* 26 Osborne ter., Newark  
 Doherty, M. † *gr ed* 509 W. 129  
 Doherty, M. E. † *pa* 1409 Park, Peekskill  
 Dohm, J. C. *l* 454 Ft. Washington ave.  
 Dohrenwend, H. A. S. A. T. C.  
 Dolan, F. J., Jr. S. A. T. C.



|                               |                             |                              |                                    |
|-------------------------------|-----------------------------|------------------------------|------------------------------------|
| Dolan, M. J. <i>e</i>         | 403 W. 115                  | Dowell, D. A. † <i>ed</i>    | 543 W. 123                         |
| Dolley, F. K. † <i>pa</i>     | 620 W. 122                  | Dowell, S. † <i>gr</i>       | 459 W. 123                         |
| Domnitz, Z. † <i>e</i>        | 1 W. 117                    | Dowling, E. M. † <i>b</i>    | 150 W. 105                         |
| Donahoe, J. J.                | S. A. T. C.                 | Dowling, G. A. † <i>e</i>    | 1086 Lexington ave.                |
| Donahue, M. † <i>e</i>        | 458 Manhattan ave.          | Dowling, Z. <i>c</i>         | 501 W. 121                         |
| Donahue, W. L.                | S. A. T. C.                 | Downing, E. T. † <i>gr</i>   | Hotel Seville, 29 and Madison ave. |
| Donaldson, H. O. <i>e</i>     | 202 W. 92                   | Downing, G. P.               | S. A. T. C.                        |
| Donaldson, J.                 | S. A. T. C.                 | Downing, M. † <i>e</i>       | 344 W. 84                          |
| Donchian, E. † <i>gr</i>      | 427 W. 117                  | Downing, M. N. † <i>b</i>    | Whittier                           |
| Dondore, D. A. † <i>gr</i>    | Scarborough                 | Downs, R. E. <i>e</i>        | 415 W. 115                         |
| Donecker, H. C.               | S. A. T. C.                 | Dows, M. H. † <i>pa</i>      |                                    |
| Donehue, F. McG. <i>m</i>     | 35 W. 84                    | Doyle, H. V. † <i>e</i>      | 137 W. 90                          |
| Donley, M. † <i>e</i>         | 434 W. 120                  | Doyle, J. E. <i>e</i>        | Lampport and Holt pier, Hoboken    |
| Donnellan, S. † <i>b</i>      | Brooks                      | Doyle, M. U. † <i>e</i>      | 127 E. 46                          |
| Donnelly, F. E. <i>ph</i>     | 537 E. 85                   | Doyle, W. H. † <i>e</i>      | 1640 University ave.               |
| Donohugh, E. E. † <i>ed</i>   | 519 W. 121                  | Drago, A. J. <i>ph</i>       | 214 Union, Bklyn.                  |
| Donovan, A. B.                | S. A. T. C.                 | Dragunas, A. A.              | S. A. T. C.                        |
| Donovan, E. J. <i>m</i>       | 231 West End ave.           | Draper, G. E. † <i>e</i>     | 501 W. 121                         |
| Donovan, H. J.                | S. A. T. C.                 | Drautzke, J. <i>c</i>        | 201 E. 58                          |
| Donovan, J. T.                | Naval Unit                  | Drechman, M. M. † <i>b</i>   | 128 W. 121                         |
| Donovan, J. T. <i>e</i>       | 5 W. 125                    | Dreesbach, P. P.             | Naval Unit                         |
| Donovan, M. † <i>e</i>        | 264 Bowers, Jersey City     | Dreifus, M. † <i>e</i>       | 420 W. 121                         |
| Donovan, M. E. † <i>b</i>     | Furnald                     | Drennen, M. F. † <i>e</i>    | 74 W. 89                           |
| Donovan, M. E. † <i>pa</i>    | 23 Hamilton terr.           | Dreshfield, A. C. <i>c</i>   | 71 Remington pl., New Rochelle     |
| Donza, J. A. <i>e</i>         | 16 Parker, Bklyn.           | Drew, B. E. † <i>gr</i>      | 620 W. 122                         |
| Doody, M. E. † <i>e</i>       | 180 Archer ave., Mt. Vernon | Drew, D. M. † <i>pa</i>      | 501 W. 120                         |
| Doragoff, N.                  | Naval Unit                  | Drexel, M. J. † <i>b</i>     | Whittier                           |
| Dore, C. <i>e</i>             | 788 Riverside dr.           | Dreyer, M.                   | S. A. T. C.                        |
| Doremus, M. C. † <i>gr ed</i> | 3657 Broadway               | Dreyfus, J. † <i>e</i>       | 520 W. 124                         |
| Doris, C. <i>gr ed</i>        | 1671-84th, Bklyn.           | Drill, M.                    | S. A. T. C.                        |
| Dorner, A. C. † <i>e</i>      | 4 E. 49                     | Dring, C. M. † <i>e</i>      | 1780 W. 5, Bklyn.                  |
| Dornheim, H. C. <i>e</i>      | 80 Edgecombe ave.           | Drinkwater, M. E. † <i>e</i> | Greenwich, Conn.                   |
| Dorr, J. B.                   | S. A. T. C.                 | Driscoll, G. C.              | S. A. T. C.                        |
| Dorsey, Mrs. R. † <i>e</i>    | 606 W. 113                  | Drum, W. N. <i>gr ed</i>     | Grantwood                          |
| Doshay, L. J. <i>m</i>        | 2869 W. 5, Bklyn.           | Drumm, E. B. † <i>e</i>      | 428 E. 157                         |
| Dostrow, V. G.                | S. A. T. C.                 | Drummond, L. † <i>pa</i>     | Whittier                           |
| Dotzler, J. T.                | Naval Unit                  | Druss, J. G. <i>c</i>        | 282 Jerome, Bklyn.                 |
| Doubleday, C. N. † <i>e</i>   | 212 W. 85                   | Dryden, G. H. † <i>ed</i>    | Knox School, Tarrytown             |
| Doubleday, J. S.              | S. A. T. C.                 | Dubin, D. M. <i>e</i>        | 9 E. 107                           |
| Dougherty, D. K. † <i>e</i>   | 156 W. 73                   | Dublin, F. † <i>gr</i>       | 570 W. 189                         |
| Dougherty, I. L. † <i>e</i>   | 1085 Union ave.             | Dubnan, I. J.                | S. A. T. C.                        |
| Dougherty, M. R. † <i>gr</i>  | Whittier                    | DuBois, G. † <i>pa</i>       | Whittier                           |
| Doughten, H. W.               | S. A. T. C.                 | DuBois, J. C.                | S. A. T. C.                        |
| Douglas, H. B. <i>e</i>       | 452 Riverside dr.           | DuBois, P. L. † <i>e</i>     | 61 E. 65                           |
| Douglas, M. M. † <i>e</i>     | 452 Riverside dr.           | DuBois, R. O. <i>m</i>       | 119 E. 57                          |
| Douglas, W. L.                | S. A. T. C.                 | Du Breuil, S. C.             | S. A. T. C.                        |
| Douglass, A. W. † <i>e</i>    | 11 Conklin pl., Hackensack  | Duchesne, I. M. † <i>ed</i>  | 57 Fairview ave., Plainfield       |
| Douglass, J. B.               | Naval Unit                  | Ducorsky, M. <i>ph</i>       | 1575 Bathgate ave.                 |
| Dow, J. F. † <i>e</i>         | 504 W. 112                  |                              |                                    |
| Dow, R. J.                    | S. A. T. C.                 |                              |                                    |
| Dowd, F. M. † <i>pa</i>       | Whittier                    |                              |                                    |

- Dudleston, M. E. † *ph* Mohawk, N. Y.  
 Dudley, C. † *ed* 2700 Bainbridge ave.  
 Duerstein, E. G. S. A. T. C.  
 Duff, E. I. *m* 437 W. 59  
 Duffy, A. † *e* 410 W. 115  
 Duffy, K. † *e*  
 1518 Woodhaven ave., Woodhaven  
 Dugan, M. D. † *pa* Whittier  
 Dugan, R. † *pa* Whittier  
 Dugan, R. C. *bu*  
 270 George, New Brunswick, N. J.  
 Duggan, J. P. † *ed* 418 W. 118  
 Duke, J. C. † *e* 957 Simpson  
 Duke, J. W. S. A. T. C.  
 Duke, S. † *e* 957 Simpson  
 Dumper, H. A., Jr. *c* Amityville, N. Y.  
 Dunay, M. S. A. T. C.  
 Dunbacher, R. L. † *b* 628 W. 151  
 Duncan, A. S. S. A. T. C.  
 Duncan, B. A. † *pa* 420 W. 121  
 Duncan, B. C. † *gr ed*  
 158 Bloomfield, Passaic  
 Duncan, M. † *e* 541 W. 123  
 Duncan, W. P. S. A. T. C.  
 Dunham, C. † *b* Brooks  
 Dunkak, F. A. *e* 206 Maple, Bklyn.  
 Dunlavy, Mrs. C. † *e*  
 42 Sunnyside dr., Yonkers  
 Dunn, A. C. S. A. T. C.  
 Dunn, G. S. † *e* Whittier  
 Dunn, J. A. *e* 292 Barrow, Jersey City  
 Dunn, M. G. † *e* 106 Morningside dr.  
 Dunn, S. W. S. A. T. C.  
 Dunn, W. T. *gr* 422 W. 115  
 Dunne, R. C. S. A. T. C.  
 Dunne, W. J. Naval Unit  
 Dunning, E. F. S. A. T. C.  
 Dunphy, M. † *gr ed* 420 W. 119  
 Duplak, A. † *e* 203-3rd, Passaic  
 Duplak, N. P. † *pa* 203-3rd, Passaic  
 Durae, A. N. S. A. T. C.  
 Duram, M. I. † *pa* Whittier  
 Durand, B. J. S. A. T. C.  
 Durand, M. E. † *e* 420 W. 121  
 Durant, W. J. *gr* 854 E. 175  
 Durboraw, E. B. † *ed* 610 W. 116  
 Durboraw, R. H. *gr* 610 W. 116  
 Durfee, R. M. † *gr ed*  
 Lakewood ave., Leonia  
 Durgin, M. T. † *b* 606 W. 116  
 Durham, E. A. S. A. T. C.  
 Durkes, F. † *e* 325-3rd, Weehawken  
 Du Rocher, Sister Domitilla † *pa*
- Duryea, H. V. *e* 375 Park ave.  
 Duryea, M. S. † *gr ed* 42 Northern ave.  
 Dutton, L. B. S. A. T. C.  
 Dutton, P. C. S. A. T. C.  
 Duym, J. M. S. A. T. C.  
 Dworken, M. E. † *e* 501 E. 136  
 Dwyer, D. A. † *b* 456 W. 153  
 Dyckman, C. D. S. A. T. C.  
 Dzushi, H. *gr* 120 Broadway  
 Eads, A. B. † *e* Whittier  
 Eagle, I. L. S. A. T. C.  
 Eagle, M. *m* 507 E. 171  
 Eagan, M. F. † *e* 525 W. 160  
 Eakin, R. M. † *e* Whittier  
 Eames, S. F. † *gr ed* 514 W. 122  
 Earle, D. W. Naval Unit  
 Early, M. B. S. A. T. C.  
 Eastland, J. B. † *gr* 500 W. 122  
 Eastman, A. *ph* 941 Simpson  
 Eastman, E. † *e* 320 E. 107  
 Eathorne, R. S. A. T. C.  
 Eaton, F. † *e* 503 W. 121  
 Ebbert, L. M. † *gr ed* Linden, N. J.  
 Ebbinghausen, J. E. † *e*  
 41 Clarkson ave., Bklyn.  
 Ebell, W. F. S. A. T. C.  
 Eberhart, M. L. † *e* 152 W. 58  
 Eberlein, B. M. † *pa* Whittier  
 Ebersman, Rubin *ph* 1500 Brook ave.  
 Ebstein, L. S. A. T. C.  
 Echikson, J. I. *m* 142 Orchard, Newark  
 Eckert, E. M. † *pa*  
 300 Verona ave., Newark  
 Eckert, M. L. † *b*  
 46 Depeyster, N. Tarrytown  
 Eckhardt, E. M. † *pa* 443 W. 121  
 Eckhardt, H. A. S. A. T. C.  
 Eckman, H. H. S. A. T. C.  
 Eckman, R. S. † *gr ed* Fernald  
 Eckmann, M. † *e* 460 Grand  
 Eckstein, A. C. *gr ed* 234 W. 122  
 Edelman, I. A. *l* 51 E. 122  
 Edgerton, M. J. S. A. T. C.  
 Edgeworth, H. I. † *gr*  
 100 Morningside dr.  
 Edmond, S. *gr ed* Cranford, N. J.  
 Edmonds, W. E. Naval Unit  
 Edson, C. M. † *pa* 519 W. 121  
 Edwards, C. A. *m* 147 W. 142  
 Edwards, E. S. † *pa* 458 W. 141  
 Edwards, G. E. † *b* Brooks  
 Edwards, J. L. † *gr* 79 Washington pl.  
 Edwards, W. F. S. A. T. C.

|                                |                               |                                |                              |
|--------------------------------|-------------------------------|--------------------------------|------------------------------|
| Edwards, R. J.                 | S. A. T. C.                   | Elliott, D. <i>e</i>           | 318 W. 57                    |
| Edwards, R. M. † <i>e</i>      | 430 W. 119                    | Elliott, D. H. † <i>e</i>      | 210 W. 90                    |
| Edwards, S. C. † <i>e</i>      | Metuchen, N. J.               | Elliott, L. C. † <i>e</i>      | 434 W. 120                   |
| Edwards, Z. P. † <i>pa</i>     | 509 W. 122                    | Elliott, J. G. † <i>pa</i>     | 501 W. 121                   |
| Efira, Y. † <i>e</i>           | 152 W. 44                     | Elliott, L. C. † <i>gr ed</i>  | 48 Fullerton ave., Montclair |
| Efron, A.                      | S. A. T. C.                   | Ellis, D. G. † <i>gr ed</i>    | 420 W. 119                   |
| Egan, B. E. † <i>pa</i>        | Whittier                      | Ellis, M. † <i>pa</i>          | 203 Warburton ave., Yonkers  |
| Eggimann, F. C.                | S. A. T. C.                   | Ellis, M. D. † <i>b</i>        | 3099 Broadway                |
| Ehre, M. <i>c</i>              | 47-2nd, Passaic               | Ellis, R. C.                   | S. A. T. C.                  |
| Ehrenberg, M. <i>ph</i>        | 1472-53rd, Bklyn.             | Ellis, S. H.                   | S. A. T. C.                  |
| Ehret, H. L. <i>ph</i>         | 163 Franklin                  | Ellis, W. W.                   | S. A. T. C.                  |
| Ehrich, R. † <i>b</i>          | 1 W. 72                       | Ellison, G. F. † <i>ed</i>     | 541 W. 123                   |
| Ehrich, R. A. † <i>b</i>       | 393 West End ave.             | Elloowitz, H. M.               | S. A. T. C.                  |
| Ehrler, R. B. <i>c</i>         | 420 W. 119                    | Ellson, F. D.                  | Naval Unit                   |
| Ehrlich, D. E. <i>m</i>        | 496-9th, Bklyn.               | Elmore, L. M. † <i>ed</i>      | Hotel Martha Washington      |
| Ehrlich, P. <i>pa</i>          | 972 Morris ave.               | Elsman, M. L.                  | 146 Mountain way, Rutherford |
| Ehrlich, S. <i>e</i>           | 72 E. 105                     | Elson, E. B. <i>e</i>          | 225 Fifth ave.               |
| Ehrlich, S. M.                 | Naval Unit                    | Elston, N. S.                  | Naval Unit                   |
| Eichenbaum, N. † <i>e</i>      | 1560 Amsterdam ave.           | Elwes, F. P., Jr.              | S. A. T. C.                  |
| Eichenbaum, R. S. † <i>e</i>   | 1560 Amsterdam ave.           | Elwood, L. † <i>b</i>          | Brooks                       |
| Eichler, E. † <i>e</i>         | 127 W. 70                     | Ely, D. † <i>gr ed</i>         | 106 Morningside dr.          |
| Eichner, B. B. <i>m</i>        | 1392 Madison ave.             | Ely, G. T. † <i>e</i>          | 205 W. 57                    |
| Eigenmacht, E. M.              | S. A. T. C.                   | Ely, J. H.                     | S. A. T. C.                  |
| Eilers, K. F. †                | S. A. T. C.                   | Ely, M. C. † <i>e</i>          | Plainfield                   |
| Eilert, G. W. † <i>e</i>       | 28 W. 23                      | Ely, M. J. † <i>e</i>          | 205 W. 57                    |
| Einhorn, A. † <i>e</i>         | 814 E. 166                    | Ely, M. L. † <i>gr</i>         | 420 W. 121                   |
| Eisenbrandt, A. A. † <i>pa</i> | 519 W. 121                    | Emerson, A. B. † <i>e</i>      | 430 W. 118                   |
| Eisenbrandt, E. M. † <i>e</i>  | 519 W. 121                    | Emerson, F. L. † <i>e</i>      | 809 Carnegie Hall            |
| Eisenhauer, L. J. † <i>ed</i>  | Ridgewood, N. J.              | Emerson, M. H. † <i>b</i>      | 125 Riverside dr.            |
| Eisenhower, L. E. † <i>e</i>   | 240 W. 15                     | Emerson, M. L. H. † <i>b</i>   | 125 Riverside dr.            |
| Eisenman, A. J. † <i>b</i>     | 414 W. 118                    | Emerson, R. † <i>e</i>         | 617 W. 135                   |
| Eisfelder, H. W.               | S. A. T. C.                   | Emery, W. T.                   | Naval Unit                   |
| Eisler, J. <i>c</i>            | 231 Cherry                    | Emmerich, R.                   | Naval Unit                   |
| Eisler, S.                     | S. A. T. C.                   | Emmett, W. L.                  | S. A. T. C.                  |
| Elbert, M. E. † <i>e</i>       | 54 Morningside dr.            | Emminger, G. J. <i>m</i>       | Livingston                   |
| Elden, J. A. <i>e</i>          | 19 W. 44                      | Emmons, F. E. <i>gr ed</i>     | 1243 Clinton pl., Elizabeth  |
| Elder, J. C. <i>gr</i>         | 149 Broadway                  | Emmons, M. † <i>gr</i>         | 390 West End ave.            |
| Eldred, I. R. † <i>pa</i>      | 340 W. 85                     | Emmons, M. † <i>ed</i>         | 24 Clifton terr., Weehawken  |
| Eldredge, R. L.                | S. A. T. C.                   | Empson, M. † <i>e</i>          | 414 W. 118                   |
| Eldridge, I. † <i>e</i>        | 2042 Fifth ave.               | Encinas-Fernandez, S. <i>c</i> | 421 W. 117                   |
| Elegant, L.                    | S. A. T. C.                   | Endell, M. † <i>e</i>          | 417 W. 118                   |
| Elias, M. <i>m</i>             | 312 W. 93                     | Enders, H. C. <i>gr</i>        | 157 W. 125                   |
| Elish, D. <i>e</i>             | 1557 Eastern Pkway., Bklyn.   | Endlich, E.                    | Naval Unit                   |
| Elithorp, M. † <i>pa</i>       | Whittier                      | Endore, M. A.                  | S. A. T. C.                  |
| Elitzek, J. E.                 | 73 ave. C.                    | Endore, S. S.                  | S. A. T. C.                  |
| Ellen, H. M. <i>e</i>          | 558 Sutter ave., Bklyn.       | Endress, M. S. † <i>pa</i>     | 116 S. Elliott pl., Bklyn.   |
| Ellenport, N.                  | S. A. T. C.                   |                                |                              |
| Ellenwood, E. J.               | S. A. T. C.                   |                                |                              |
| Ellenwood, L. C. † <i>pa</i>   | Whittier                      |                                |                              |
| Ellert, J. F. <i>ed</i>        | 526 W. 139                    |                                |                              |
| Elliot, R. † <i>pa</i>         |                               |                                |                              |
|                                | 117 S. Broadway, White Plains |                                |                              |

- Engel, I. *e* 57 Manhattan ave., Bklyn.  
 Engel-Kron, G. M. S. A. T. C.  
 Engeman, W. A. *a* 501 W. 121  
 England, K. *m* 2059 Davidson  
 Englander, R. S. A. T. C.  
 Englar, T. S. *e* 325 W. 88  
 English, J. H. *gr* 206 W. 109  
 Enklewitz, M. S. A. T. C.  
 Enslow, R. M. S. A. T. C.  
 Entzmenger, R. G. S. A. T. C.  
 Epstein, D. *e* 30 St. Marks pl.  
 Epstein, A. *m* 247 Audubon ave.  
 Epstein, H. H. S. A. T. C.  
 Epstein, H. I. *c* 121 St. Nicholas ave.  
 Epstein, H. R. S. A. T. C.  
 Erb, H. E. S. A. T. C.  
 Erda, G. *e* 826 Manhattan ave., Bklyn.  
 Erdmann, M. E. *† pa* 106 Morningside dr.  
 Erdwurm, J. *† gr ed* 143 E. 53  
 Erdwurm, M. *e* 143 E. 53  
 Erhardt, J. H. *e* 73 Morgan ave.  
 Erickson, C. C. *e* Whittier  
 Erickson, H. W. Naval Unit  
 Errickson, E. O. *† gr ed* 519 W. 121  
 Errico, F. E. *ph* 348 E. 120  
 Espy, F. *e* Caldwell, N. J.  
 Essenhof, K. M. *† e* 108 E. 30  
 Esser, A. E. *† pa* 220 Woodworth ave., Yonkers  
 Esterbrook, G. R. *† j* 130 Claremont ave.  
 Ettlinger, D. *† e* 405 W. 117  
 Euler, W. C. Naval Unit  
 Evans, A. S. *† e* 57 E. 74  
 Evans, C. *† pa* 409 Edgecombe ave.  
 Evans, F. P. *† pa* 193 Livingston ave., New Brunswick  
 Evans, G. F. Naval Unit  
 Evans, G. H. *† b* 135 Lafayette ave., Bklyn.  
 Evans, H. V. S. A. T. C.  
 Evans, N. H. S. A. T. C.  
 Evans, T. R. *c* 512 W. 122  
 Evans, T. S. *m* 346 W. 57  
 Evenden, E. S. *gr ed* 547 W. 123  
 Everett, E. M. *† gr* 68 Buckingham rd., Bklyn.  
 Everett, G. *e* Manhattan College  
 Everett, M. *† ed* 106 Morningside dr.  
 Everett, O. *e* 27 W. 44  
 Everett, S. R. *† gr ed* Roselle pk.  
 Everit, E. C. *† e* Whittier  
 Everson, H. *† pa* 131 W. 71  
 Everson, I. G. *† b* 259 St. Marks pl.  
 Ewan, R. O. *† j* Furnald  
 Ewart, A. B. *† e* 135 E. 52  
 Ewart, M. *† pa* Whittier  
 Ewell, J. G. Naval Unit  
 Ewert, A. C. S. A. T. C.  
 Eybel, Q. A. *† e* 144 W. 74  
 Eynon, C. P. Naval Unit  
 Eyre, L. L. *† b* 15 W. 67  
 Faber, A. G. *† pa* Whittier  
 Fabian, L. S. A. T. C.  
 Factor, H. J. S. A. T. C.  
 Faegre, F. L. *† e* 2028 Grand Concourse  
 Fair, V. E. *† b* 17 Horatio  
 Fairbairn, I. M. R. *† pa* Whittier  
 Fairbanks, H. C. *† pa* 21 Euclid ave., Yonkers  
 Fairchild, A. C. *† gr ed* 90 Morningside dr.  
 Fairchild, J. W. *† e* 230 and Arlington ave.  
 Fairclough, W. W. *e* 116 E. Post rd., White Plains  
 Fairlam, B. A. *† ed* 506 W. 121  
 Fairley, E. H. *† e* Rockville Centre  
 Faison, M. H. *† ed* 541 W. 123  
 Falcone, F. R. *ph* 2919 W. 31, Bklyn.  
 Fales, M. M. *† e* 229 W. 109  
 Fales, R. G. *ed* 9 Spruce, Jersey City  
 Falk, D. L. *† b* 601 W. 141  
 Falk, M. R. *† e* 619 W. 143  
 Falk, R. S. A. T. C.  
 Fancher, I. *† pa* Whittier  
 Fanelli, R. *gr* Webster ave., New Rochelle  
 Fang, S. V. *gr* 500 W. 122  
 Fanger, B. F. Naval Unit  
 Fankhauser, A. S. A. T. C.  
 Farah, B. *e* 134 Amity, Bklyn.  
 Farb, B. R. *† e* 1072 Union ave.  
 Farber, R. L. *† e* 91 Stratford pl., Newark  
 Farbman, H. *e* 122 St. Marks pl.  
 Fargo, F. F. S. A. T. C.  
 Farley, E. J. *c* 943 E. 156  
 Farley, P. F. S. A. T. C.  
 Farmer, M. V. *† e* Montclair  
 Farnham, C. E. *† gr* Teachers College  
 Farr, D. D. S. A. T. C.  
 Farrar, J. R. S. A. T. C.  
 Farrar, N. *† gr ed* Brooks  
 Farrar, S. A. *† gr* 424 W. 119  
 Farrell, A. *† e* 29 Convent Ave.



|                               |                                   |                                |                               |
|-------------------------------|-----------------------------------|--------------------------------|-------------------------------|
| Farrell, E. E. † <i>gr ed</i> | 265 Henry                         | Fenninger, W. N. <i>ed</i>     | Richmond Hill                 |
| Farrell, M. C. † <i>pa</i>    | Whittier                          | Fequiere, L. L. <i>e</i>       | 33 Broadway                   |
| Farrell, M. M. † <i>gr ed</i> | 443 W. 43                         | Feraca, S. J. <i>e</i>         | 1443 Boone ave.               |
| Farry, E., Jr.                | S. A. T. C.                       | Ferber, H. † <i>e</i>          | 603 E. 5                      |
| Fast, L. <i>e</i>             | 24 E. 99                          | Ferderber, E. M. † <i>e</i>    | Furnald                       |
| Fatêh, M. K. <i>gr</i>        | 521 W. 122                        | Ferguson, E. L. † <i>ed</i>    | Whittier                      |
| Favata, A. F.                 | Naval Unit                        | Ferguson, F. M. S. <i>m</i>    |                               |
| Fawcett, L. M. † <i>b</i>     | 53 Washington sq.                 |                                | 1071 St. Nicholas ave.        |
| Fay, A. † <i>e</i>            | 699 E. 5, Bklyn.                  | Ferguson, J. † <i>b</i>        | Brooks                        |
| Fay, F. L. † <i>e</i>         |                                   | Ferguson, M. † <i>b</i>        |                               |
|                               | 61 Whitestone ave., Flushing      |                                | 9 N. Munn ave., E. Orange     |
| Fearey, M. L. † <i>e</i>      |                                   | Ferlano, F.                    | Naval Unit                    |
|                               | 48 Central Park South             | Fermaglich, H. B. <i>e</i>     | 196 S. 1, Bklyn.              |
| Fearhake, E. R. † <i>e</i>    | 61 W. 10                          | Fermon, E. L. † <i>pa</i>      | 320 W. 86                     |
| Feded, A.                     | S. A. T. C.                       | Fernalld, F. M. <i>gr ed</i>   |                               |
| Feder, A. <i>e</i>            | 49 Hart st., Bklyn.               |                                | 109 Oak Tree pl., Leonia      |
| Feder, J. L.                  | S. A. T. C.                       | Ferracand, R. † <i>e</i>       | 278 Chestnut, Passaic         |
| Feer, N. <i>e</i>             | 349 W. 85                         | Ferrara, J. <i>e</i>           | 151 E. 124                    |
| Feile, A. S. <i>e</i>         | 333-46th, Bklyn.                  | Ferrin, L. E. † <i>gr ed</i>   | Furnald                       |
| Fein, J. M. <i>c</i>          | 538 Hart, Bklyn.                  | Ferrin, N. M. † <i>pa</i>      | 507 W. 111                    |
| Feinberg, E. M.               | S. A. T. C.                       | Ferris, H.                     | Naval Unit                    |
| Feinberg, S. C. <i>m</i>      | 730 Riverside dr.                 | Ferris, H. E. † <i>pa</i>      |                               |
| Feinen, L. <i>e</i>           | 69 Hague, Jersey City             |                                | 145 Horton ave., Port Chester |
| Feinstein, C. † <i>e</i>      | 2 E. 113                          | Ferris, H. R.                  | S. A. T. C.                   |
| Feinstein, L. <i>e</i>        | 1693 Madison ave.                 | Ferris, I. E. <i>c</i>         |                               |
| Feinstein, R. † <i>e</i>      | 2 E. 113                          |                                | 340 Irving ave., Port Chester |
| Feirstein, S.                 | Naval Unit                        | Ferriss, F.                    | Naval Unit                    |
| Feld, E.                      | S. A. T. C.                       | Ferruggiari, N. K. † <i>ed</i> | 15 Mott                       |
| Feld, J. M. <i>c</i>          | 1412 Washington ave.              | Festetics, A. † <i>e</i>       | 241 W. 72                     |
| Felder, M. <i>e</i>           | 1078 Longfellow ave.              | Fett, J. E. † <i>e</i>         | 270 Autumn ave., Bklyn.       |
| Feldman, A. <i>gr</i>         | 654 Beck                          | Feuerman, S. <i>c</i>          | 797 First ave.                |
| Feldman, C.                   | S. A. T. C.                       | Feuss, L. W.                   | S. A. T. C.                   |
| Feldman, H. A. <i>e</i>       |                                   | Fezandie, M. † <i>b</i>        | 165 E. 66                     |
|                               | 1114 St. Johns pl., Bklyn.        | Fialka, S. <i>c</i>            | 1468 Fifth ave.               |
| Feldman, J. <i>ph</i>         | 590 Prospect ave.                 | Fibick, T. S. <i>e</i>         | 1577 E. 45, Bklyn.            |
| Feldman, P.                   | S. A. T. C.                       | Fichandler, E. <i>e</i>        | 600 W. 174                    |
| Feldman, R. H. <i>c</i>       | 697 Broadway, Bklyn.              | Fickland, E. † <i>e</i>        | 235 W. 75                     |
| Feldstein, L. J.              | S. A. T. C.                       | Ficks, E. Le N.                | S. A. T. C.                   |
| Feliciano, R. T. <i>gr</i>    | 512 W. 122                        | Field, E. A. † <i>gr ed</i>    | 509 W. 121                    |
| Felshin, M. <i>gr</i>         | 2 W. 112                          | Field, P. L.                   | S. A. T. C.                   |
| Felt, M. E. † <i>e</i>        | 1078 E. 15, Bklyn.                | Fields, H. L.                  | S. A. T. C.                   |
| Felt, M. I. † <i>e</i>        | 1078 E. 15, Bklyn.                | Fiero, M. L. † <i>gr ed</i>    | 135 E. 52                     |
| Fender, C. H. † <i>pa</i>     | 3100 Broadway                     | Fierstein, J. <i>m</i>         | 107 Van Buren, Bklyn.         |
| Fendig, S. J. † <i>pa</i>     | Whittier                          | Fies, E. E. † <i>e</i>         | Whittier                      |
| Fendrick, N. <i>e</i>         | 49 First ave.                     | Filippone, A. <i>m</i>         | 196 Eighth ave., Newark       |
| Fendrych, C. O.               | S. A. T. C.                       | Filsinger, A. H. <i>ph</i>     | 115 W. 68                     |
| Fenigston, S. C. † <i>e</i>   | 122 S. 3, Mt. Vernon              | Finan, W. J.                   | S. A. T. C.                   |
| Benile R., <i>ed</i>          | 52 Lincoln, Astoria               | Finch, G. L. † <i>e</i>        | 434 W. 120                    |
| Fenlon, M. V. † <i>e</i>      | 204 W. 106                        | Fincke, A. <i>e</i>            | 452 Jefferson ave., Bklyn.    |
| Fennell, E. L. † <i>e</i>     |                                   | Fine, E. † <i>b</i>            | 200 W. 111                    |
|                               | 71 Montclair ave., Montclair      | Fineberg, B. J.                | S. A. T. C.                   |
| Fennell, M. K. † <i>e</i>     |                                   | Fineberg, E. <i>e</i>          | 557 Kosciusko, Bklyn.         |
|                               | 92 Burton ave., Hasbrouck Heights | Fineberg, H. S.                | S. A. T. C.                   |

- Fineberg, M. H. S. A. T. C.  
 Fineman, A. H. *m* 56 W. 118  
 Fineman, H. *c* 941 ave. St. John  
 Fingerroth, E. *† e* 980 Prospect ave.  
 Fingerroth, S. E. *† e* 980 Prospect ave.  
 Fink, H. *† b* 420 Riverside dr.  
 Fink, J. L. *† pa*  
 26 Mountain ave., Edgewater  
 Finke, A. *e* 15-19 W. 110  
 Finkelstein, F. *† e*  
 985 Glenmore ave., Bklyn.  
 Finkelstein, J. *c* 1887 Seventh ave.  
 Finkelstein, M. *e* 341 Stone ave.  
 Finkler, M. R. *† b* 749 Elmore pl., Bklyn.  
 Finlayson, A. J. *† e* 416 W. 118  
 Finley, E. L. *† e* 252-71st, Bklyn.  
 Finley, J. H. S. A. T. C.  
 Finn, C. H. *† ed* 510 W. 123  
 Finnegan, C. E. *† bu* Furnald  
 Finnegan, J. *† e*  
 151 Ford, Ogdensburg, N. Y.  
 Finsterwald, R. *† e* Furnald  
 Firor, M. C. *† ed* 417 W. 114  
 Fischbein, D. H. S. A. T. C.  
 Fischer, A. *e* 95 E. 10  
 Fischer, F. R. *m* 610 W. 150  
 Fischer, H. R. Naval Unit  
 Fischl, J. *e* 381 E. 157  
 Fish, C. *† pa* 137 W. 110  
 Fishbach, I. *e* 470 Wyona, Bklyn.  
 Fishback, L. *† e* 230 W. 101  
 Fishbaine, F. F. *† e* 244 Madison ave.  
 Fishbein, G. S. S. A. T. C.  
 Fishbein, L. A. *† pa* 562 W. 113  
 Fishberg, A. M. *c* 57 E. 93  
 Fishberg, E. H. *† b* 170 Central Park S.  
 Fishbough, H. W. S. A. T. C.  
 Fishburn, E. *† b* Brooks  
 Fisher, A. B. *† pa* Whittier  
 Fisher, D. *m* 600 W. 144  
 Fisher, H. E. *gr ed*  
 Union Theo. Seminary  
 Fisher, H. J., Jr. *m* 515 W. 182  
 Fisher, H. M. *gr ed* Port Chester  
 Fisher, H. V. *† gr* 27 Barrow  
 Fisher, M. *e* 263 Madison, Bklyn.  
 Fisher, M. B. *† b* 67 W. 50  
 Fisher, R. A. *† gr* 127 W. 136  
 Fisher, R. C., 2nd *c* 565 W. 113  
 Fisher, R. M. S. A. T. C.  
 Fisher, W. K. *e* 843 Carnegie Hall  
 Fishkind, S. B. Naval Unit  
 Fisichella, V. *e* 415 E. 18
- Fisk, M. J. *† b*  
 341 Garden ave., Mt. Vernon  
 Fiske, M. G. *† bu* Furnald  
 Fitch, E. W. *† e*  
 123 Clarewill ave., Upper Montclair  
 Fitch, N. K. *† pa*  
 123 Clarewill ave., Upper Montclair  
 Fitzgerald P. S. A. T. C.  
 FitzGibbon, T. O'G. S. A. T. C.  
 Fitzgibbons, A. J. *ph* Bedford Hills  
 Fitzpatrick, D. E. S. A. T. C.  
 Fitzpatrick, F. J. S. A. T. C.  
 Fitzpatrick, S. C. S. A. T. C.  
 Fitzsimons, G. M. *† e* 716 W. 180  
 Fitzsimons, I. V. *† e*  
 444 Palisade ave., Weehawken  
 Fitzsimons, J. E. *e* 716 W. 180  
 Flanders, A. E. *† e*  
 106 Central ave., Hackensack  
 Flandreaux, A. V. *† e* 609 W. 136  
 Flanigan, R. M. *† e* 76 Manhattan ave.  
 Flank, M. L. S. A. T. C.  
 Flaumenhoft, I. *c* 456 Bedford ave., Bklyn.  
 Fleischer, E. *† e* 1123 Avenue P, Bklyn.  
 Fleischman, P. *ph* 810 Dawson  
 Fleischmann, B. *m* 3058 Third ave.  
 Fleischmann, L. *† pa* 32 E. 64  
 Fleming, C. A. S. A. T. C.  
 Fleming, H. S. *† e*  
 141 Rich ave., Mt. Vernon  
 Fleming, M. M. *† b* Brooks  
 Fletcher, D. A. S. A. T. C.  
 Fletcher, E. M. *† m*  
 438 Hoboken ave., Jersey City  
 Fletcher, M. L. *† pa* 380 Riverside dr.  
 Flinn, E. *† ed* 130 Claremont ave.  
 Flinn, K. C. *† pa* Whittier  
 Flint, M. G. *† pa* 420 W. 121  
 Floersh, M. F. Furnald  
 Florence, P. S. *gr* 104 W. 13  
 Florence, W. S. *m* 27 W. 61  
 Florentino, N. P. *ph* 343 E. 11  
 Floyd, J. R. *e* 170 Grafton ave., Newark  
 Fluegelman, H. *e* 52 Broadway  
 Fluss, J. E. S. A. T. C.  
 Fogelman, J. *e* 960 ave. St. John  
 Foland, J. P., Jr. S. A. T. C.  
 Folcarelli, G. E. *† ph* 108 E. 87  
 Foley, E. D. S. A. T. C.  
 Foley, H. C. *† b* 338 E. 52  
 Foley, V. R. *l* 501 W. 121  
 Folger, D. C. S. A. T. C.  
 Follensby, M. E. *† e* 420 W. 118

|                                 |                              |                                |                                    |
|---------------------------------|------------------------------|--------------------------------|------------------------------------|
| Follett, S. B.                  | S. A. T. C.                  | Fowlkes, F. E. <i>c</i>        | 1 W. 120                           |
| Folley, E. F. <i>e</i>          | 747 Market, Paterson         | Fox, A. M. † <i>e</i>          | 509 Eighth ave., Bklyn.            |
| Folsom, D. M. † <i>pa</i>       | Piermont, N. Y.              | Fox, E. † <i>e</i>             | 355 E. 149                         |
| Folwell, E. A. † <i>e</i>       | 106 Morningside dr.          | Fox, E. J. † <i>b</i>          | 509 Eighth ave., Bklyn.            |
| Fonderwhite, J. W. <i>e</i>     | 285 Cumberland, Bklyn.       | Fox, F.                        | Naval Unit                         |
| Fontarede, B. A. † <i>gr ed</i> | Ridgewood, N. J.             | Fox, H. <i>e</i>               | 64 Montrose ave.                   |
| Foote, A. B. † <i>gr ed</i>     | 420 W. 121                   | Fox, H. E. † <i>j</i>          | 581 W. 161                         |
| Foote, E.                       | Naval Unit                   | Fox, J. McC. <i>c</i>          | 614 W. 113                         |
| Foote, M. T. † <i>e</i>         | Englewood                    | Fox, L. H. † <i>pa</i>         | Whittier                           |
| Foote, N. M. † <i>b</i>         | 606 W. 116                   | Fox, R. H.                     | S. A. T. C.                        |
| Fopeano, H. J. † <i>pa</i>      | Whittier                     | Fox, S. <i>ph</i>              | 764 Trinity ave.                   |
| Forbes, A. F. † <i>ed</i>       | 423 W. 120                   | Foye, F.                       | S. A. T. C.                        |
| Forbes, H. † <i>e</i>           | 225 W. 83                    | Foyle, C. McF.                 | S. A. T. C.                        |
| Force, W. A., Jr. <i>e</i>      | 15 St. Charles pl., Bklyn.   | Frackman, Y. † <i>e</i>        | 1255-51st, Bklyn.                  |
| Forchheimer, M. B. † <i>pa</i>  | 547 Riverside dr.            | Fraden, W. <i>c</i>            | 182 Broome                         |
| Ford, A. † <i>gr</i>            | 15 W. 37                     | Frame, M. A. † <i>gr ed</i>    | 70 Morningside dr.                 |
| Ford, A. W. † <i>e</i>          | Furnald                      | France, E. H.                  | S. A. T. C.                        |
| Ford, C. B., Jr.                | S. A. T. C.                  | France, W. A.                  | S. A. T. C.                        |
| Ford, E. † <i>e</i>             | 86 and Broadway              | Francia, M. Z. <i>e</i>        | 607 W. 139                         |
| Ford, G. K. † <i>e</i>          | 321 W. 94                    | Francis, H. E. † <i>pa</i>     | Whittier                           |
| Ford, J. L. † <i>pa</i>         | Whittier                     | Francisco, E. † <i>pa</i>      | 232 W. 78                          |
| Ford, N. † <i>pa</i>            | 106 Morningside dr.          | Franciscus, H. E.              | S. A. T. C.                        |
| Ford, T. R. <i>m</i>            | 346 W. 57                    | Franks, C. C. † <i>e</i>       | 48 W. 91                           |
| Ford, V. E. † <i>pa</i>         | 106 Morningside dr.          | Frank, A. J.                   | Naval Unit                         |
| Ford, W. A.                     | S. A. T. C.                  | Frank, C. M. † <i>e</i>        | 197-5th, Newark                    |
| Fordrungen, W. J. <i>gr</i>     | 140 W. 109                   | Frank, G. E. † <i>pa</i>       | 614 W. 157                         |
| Forrest, V. C. † <i>e</i>       | 30 Convent ave.              | Frank, H. A.                   | S. A. T. C.                        |
| Forrest, W. P.                  | S. A. T. C.                  | Frank, S.                      | S. A. T. C.                        |
| Forster, D. † <i>e</i>          | 509 E. 182                   | Franke, C. E. † <i>e</i>       | 130 Claremont ave.                 |
| Forster, H. W.                  | S. A. T. C.                  | Franke, W. T. † <i>ed</i>      | 110 Morningside dr.                |
| Forsyth, M. E. † <i>gr ed</i>   | 133 W. 4                     | Franke, W. B. <i>e</i>         | 30 Broad                           |
| Forsyth, P. B. † <i>gr ed</i>   | 135 E. 52                    | Frankel, C. † <i>e</i>         | 80 Thatford, Bklyn.                |
| Forsyth, R. P.                  | S. A. T. C.                  | Frankel, L. K., Jr.            | S. A. T. C.                        |
| Foss, M. L. † <i>e</i>          | 533 W. 112                   | Franken, R. B. <i>ed</i>       | 1292 Amsterdam ave.                |
| Foster, E. W. † <i>gr ed</i>    | 510 W. 123                   | Frankenfelder, R. <i>c</i>     | 600 W. 113                         |
| Foster, H. † <i>e</i>           | 423 W. 120                   | Frankenstein, H. L. † <i>b</i> | 472 West End ave.                  |
| Foster, H. W.                   | S. A. T. C.                  | Franklin, A. † <i>gr</i>       | 32 Kenmore pl., Bklyn.             |
| Foster, H. W. † <i>e</i>        | 323 E. 162                   | Franklin, A. C. † <i>e</i>     | 514 W. 114                         |
| Foster, I. McL. † <i>gr</i>     | 140 Claremont ave.           | Franklin, A. D. † <i>a</i>     | 514 W. 114                         |
| Foster, K. † <i>e</i>           | 601 W. 113                   | Franklin, E. P. † <i>gr</i>    | 800 N. Chestnut dr., Bronxwood pk. |
| Foster, K. L. † <i>pa</i>       | Whittier                     | Franklin, K. M. † <i>pa</i>    | 38 Sanford ave., Flushing          |
| Foster, L. F. † <i>gr</i>       | Whittier                     | Franklin, S. <i>c</i>          | 1216 Jefferson ave., Bklyn.        |
| Foster, W.                      | S. A. T. C.                  | Franklin, S. B. † <i>e</i>     | 430 W. 119                         |
| Foster, W. L. <i>mec</i>        | 131 River rd., Bogota, N. J. | Franklin, V. † <i>gr ed</i>    | 725 W. 172                         |
| Foth, E. † <i>e</i>             | 527 W. 121                   | Frant, S. <i>c</i>             | 437 W. 59                          |
| Foulkes, T. L. <i>e</i>         | 625 W. 156                   | Franzen, R. H. <i>gr</i>       | 240 W. 4                           |
| Fowler, A. L. † <i>gr</i>       | Whittier                     | Franzius, C. G.                | Naval Unit                         |
| Fowler, E. † <i>e</i>           | Leonia                       | Fraser, A. A. <i>e</i>         | 552 W. 174                         |
| Fowler, M. † <i>ed</i>          | 135 E. 52                    | Fraser, F. M. † <i>gr</i>      | 523 W. 121                         |
|                                 |                              | Fraser, J. E. † <i>pa</i>      | 620 W. 122                         |
|                                 |                              | Frazee, C. H. <i>e</i>         | 233 W. 107                         |

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| Fraze, L. A. † <i>ed</i>       | Furnald                            | Frieder, S. G. † <i>e</i>        | 590 West End ave.           |
| Frazer, J. F. <i>e</i>         | 59 Nagle ave.                      | Friedkin, D. S. † <i>e</i>       | Hotel Majestic              |
| Fred, W. B., Jr.               | S. A. T. C.                        | Friedkin, E. Z. † <i>j</i>       | 183 Hooper, Bklyn.          |
| Frederick, B. M. † <i>pa</i>   | Grantwood                          | Friedland, L. <i>ph</i>          | 574 Lenox ave.              |
| Frederick, F. K. † <i>e</i>    | 251 Ft. Washington ave.            | Friedman, A. <i>e</i>            | 1278 Grant ave.             |
| Frederickson, H. E. † <i>b</i> | 601 W. 160                         | Friedman, B. † <i>e</i>          | 464 Riverside dr.           |
| Frederiksen, G. A. <i>e</i>    | 46 E. 34                           | Friedman, C. † <i>e</i>          | 546 W. 147                  |
| Fredlund, A. T.                | S. A. T. C.                        | Friedman, C. I. <i>e</i>         | 1149 St. John's pl., Bklyn. |
| Free, A. V. <i>pa</i>          | 25 Overlook terr., Yonkers         | Friedman, D.                     | S. A. T. C.                 |
| Free, H. F. † <i>e</i>         | Peekskill                          | Friedman, E. <i>c</i>            | 542 W. 112                  |
| Freed, E. H. † <i>e</i>        | 492 E. 136                         | Friedman, E. † <i>pa</i>         | 41 Bennett ave.             |
| Freed, R. A. <i>c</i>          | 479 E. 159                         | Friedman, Frank <i>ph</i>        | 359 Seventh ave., Bklyn.    |
| Freedman, J. L.                | S. A. T. C.                        | Friedman, H.                     | S. A. T. C.                 |
| Freeland, D. T. † <i>ed</i>    | 420 W. 119                         | Friedman, H. <i>e</i>            | 50 Bay 31, Bklyn.           |
| Freeland, G. A. † <i>ed</i>    | 14 Summit ave., Summit             | Friedman, H. L.                  | S. A. T. C.                 |
| Freeman, E. N. † <i>e</i>      | 269 Vose ave., South Orange        | Friedman, I. <i>ph</i>           | 1332 Park ave.              |
| Freeman, J. <i>e</i>           | 225 Woodworth ave., Yonkers        | Friedman, J. <i>c</i>            | 211 Halsey, Bklyn.          |
| Freiman, M. S. <i>c</i>        | 1284 Herkimer, Bklyn.              | Friedman, L. C. † <i>b</i>       | 172 Sterling pl., Bklyn.    |
| Freidus, E. A. <i>m</i>        | 66 Ft. Washington ave.             | Friedman, L. W. L. <i>gr</i>     | 145 Peshine ave., Newark    |
| Freimuth, E. † <i>pa</i>       | Whittier                           | Friedman, M. <i>c</i>            | Mt. Morris Park West        |
| Freiser, I. <i>e</i>           | 219 Pulaski, Bklyn.                | Friedman, S. <i>gr</i>           | 92 Attorney                 |
| French, E. † <i>gr</i>         | 547 W. 123                         | Friedrich, C. H. S. <i>gr ed</i> | 111 Kingsley, Leonia        |
| French, I. † <i>gr</i>         | 547 W. 123                         | Frieman, R. <i>e</i>             | 936 Intervale ave.          |
| French, I. M. † <i>pa</i>      | Whittier                           | Friess, H. L.                    | S. A. T. C.                 |
| Frenkel, G. P.                 | Naval Unit                         | Frink, J. S.                     | S. A. T. C.                 |
| Freund, J. E.                  | S. A. T. C.                        | Frink, O., Jr.                   | 2112 Beverly rd., Bklyn.    |
| Freund, M.                     | S. A. T. C.                        | Friob, G. W.                     | S. A. T. C.                 |
| Freundenheim, M. B.            | Naval Unit                         | Frisch, I. A. <i>c</i>           | 275 W. 140                  |
| Freundlich, D. B. <i>e</i>     | 527 Fifth ave.                     | Fritts, A. C. † <i>e</i>         | 269 Park, Hackensack        |
| Freundlich, P. † <i>e</i>      | 267 W. 71                          | Fritts, H. E.                    | S. A. T. C.                 |
| Frey, E. A. † <i>pa</i>        | Whittier                           | Fritz, H. E. <i>gr ed</i>        | Stuyvesant High School      |
| Frey, L. J. † <i>e</i>         | 6027 Amboy rd., Princes Bay, S. I. | Fritz, P. C.                     | S. A. T. C.                 |
| Frey, M. C. † <i>e</i>         | 1226 Tinton ave.                   | Frohling, C. J.                  | S. A. T. C.                 |
| Frey, M. B. † <i>pa</i>        | 417 W. 120                         | Frome, E. † <i>pa</i>            | Whittier                    |
| Frey, W. G. <i>m</i>           | 205 Grand ave., Astoria            | Frosch, G. H.                    | S. A. T. C.                 |
| Freydberg, R. M. <i>c</i>      | 435 Convent ave.                   | Frosch, H. <i>m</i>              | 165 Orchard                 |
| Freygang, M. I. † <i>e</i>     | 615-8th, College Point             | Frost, E. D. † <i>gr</i>         | 417 W. 120                  |
| Fribourg, N. L. <i>e</i>       | 601 W. 113                         | Frost, H. I. <i>gr ed</i>        | Union Theo. Seminary        |
| Frick, L. M. † <i>e</i>        | 468 Riverside dr.                  | Frost, J. N. <i>m</i>            | 3 E. 45                     |
| Fricke, G. † <i>b</i>          | Brooks                             | Frost, N. <i>gr ed</i>           | 523 W. 121                  |
| Fridenberg, R. <i>m</i>        | 596 Riverside dr.                  | Frost, W. P.                     | S. A. T. C.                 |
| Fried, A. H. † <i>e</i>        | 10 Pinehurst ave.                  | Frowenfeld, P. M.                | S. A. T. C.                 |
| Fried, H. <i>e</i>             | 1788 St. John's pl., Bklyn.        | Frumkin, M. M. <i>e</i>          | Pier 49, North River        |
| Fried, H.                      | Naval Unit                         | Frymir, A. W. † <i>pa</i>        | 32 W. 68                    |
| Fried, M. H.                   | S. A. T. C.                        | Fuchs, F. J. <i>gr</i>           | 125 Cooper, Bklyn.          |
| Fried, S. <i>e</i>             | 1065 DeKalb ave., Bklyn.           | Fuchs, J. F.                     | S. A. T. C.                 |
| Fried, S.                      | Naval Unit                         | Fuentes, A. A. <i>ed</i>         | 124 W. 82                   |
|                                |                                    | Fuerst, J. A. <i>ph</i>          | 24 W. 112                   |
|                                |                                    | Fujie, S. <i>bu</i>              | 161 W. 93                   |



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| Fujimura, M. <i>e</i>         | 233 Broadway                     | Garbade, A. D. † <i>e</i>      | 203 Howard ave., Bklyn.        |
| Fujita, K. <i>gr</i>          | 161 W. 93                        | Garber, R. † <i>b</i>          | 31 W. 110                      |
| Fujitani M. <i>gr</i>         | 611 W. 114                       | Garchery, L. † <i>e</i>        | 50 E. 58                       |
| Fulcher, G. M. † <i>gr ed</i> | 133 W. 4                         | Garcia, F. <i>gr</i>           | 225 W. 86                      |
| Fuller, R. H. † <i>pa</i>     | 301 W. 117                       | Gardella, J. J. <i>e</i>       | 214 Canal                      |
| Fulton, A. F. † <i>pa</i>     | 218 Park ave., Yonkers           | Gardiner, E. W. † <i>pa</i>    | 419 W. 110                     |
| Fulton, J. † <i>ed</i>        | 406 S. Columbus ave., Mt. Vernon | Gardiner, K. L. † <i>e</i>     | 58 Manhattan ave.              |
| Fung, K. S. <i>e</i>          | 557 W. 124                       | Gardiner, R. † <i>pa</i>       | Whittier                       |
| Funk, L. T. † <i>pa</i>       | Whittier                         | Gardner, E. A. † <i>gr ed</i>  | 537 W. 123                     |
| Funke, A. L.                  | S. A. T. C.                      | Gardner, F. H.                 | S. A. T. C.                    |
| Furey, V. M. † <i>e</i>       | 1661 Garfield                    | Gardner, G. † <i>pa</i>        | 180 Claremont ave.             |
| Furgang, A. M. † <i>e</i>     | 38 Post ave.                     | Gardner, J. L., Jr.            | S. A. T. C.                    |
| Furlong, M. E. † <i>pa</i>    | 2188 Aqueduct ave.               | Gardner, W. B. <i>ed</i>       | Cedarhurst, L. I.              |
| Furman, L. S. <i>e</i>        | 15 W. 38                         | Gardner, W. W. <i>m</i>        | 337 E. 57                      |
| Furman, M. A. <i>m</i>        | 953 Hoe ave.                     | Garesche, L. S. † <i>pa</i>    | 508 W. 114                     |
| Furst, D. C., Jr. <i>e</i>    | 2153 Clinton ave.                | Garfiel, E. † <i>b</i>         | 20 E. 90                       |
| Gaarder, H. A. † <i>b</i>     | 17 Sterling pl., Bklyn.          | Garfield, E. R. † <i>ed</i>    | 523 W. 121                     |
| Gabe, H.                      | S. A. T. C.                      | Garfield, E. T. † <i>e</i>     | 65 So. Maple ave., East Orange |
| Gaberman, D. <i>m</i>         | 540 W. 122                       | Garfunkel, R. † <i>pa</i>      | 2 E. 120                       |
| Gabriel, E.                   | S. A. T. C.                      | Gargiulo, A. † <i>e</i>        | 193 Harmon ave., New Rochelle  |
| Gabrielson, M. † <i>gr ed</i> | 180 Claremont ave.               | Gargiulo, R. † <i>e</i>        | 235 E. 116                     |
| Gabel, A. H. <i>e</i>         | 610 W. 116                       | Garland, C. B.                 | S. A. T. C.                    |
| Gaertner, O. <i>e</i>         | 331 Madison                      | Garland, K. C. † <i>ed</i>     | 185 Baldwin, New Brunswick     |
| Gaetaniello, J. <i>c</i>      | Mt. Kisco, N. Y.                 | Garlock, J. H. <i>m</i>        | 180 Claremont ave.             |
| Gaffy, M. H. † <i>e</i>       | 34 Riggs pl., South Orange       | Garman, E. M. † <i>pa</i>      | 70 Morningside dr.             |
| Gagey, E. McA. <i>c</i>       | 417 W. 114                       | Garner, M. E. † <i>b</i>       | Brooks                         |
| Gail, H. M. † <i>a</i>        | Furnald                          | Garrett, F. C. <i>e</i>        | 218 W. 123                     |
| Gaines, H. M.                 | S. A. T. C.                      | Garrett, S. † <i>gr</i>        | 334 E. 30                      |
| Gaines, I. † <i>pa</i>        | 430 W. 118                       | Garrison, C. G. † <i>gr ed</i> | 433 W. 123                     |
| Gainsburg, G. E. † <i>e</i>   | 210 W. 90                        | Garrison, E. P. † <i>pa</i>    | Whittier                       |
| Galardi, M. E. † <i>e</i>     | 113 W. 188                       | Garrison, I. M. † <i>e</i>     | 415 W. 118                     |
| Gale, E. B. † <i>ed</i>       | 523 W. 121                       | Garrison, N. L. <i>gr ed</i>   | 611 W. 177                     |
| Gale, M. A. † <i>e</i>        | 73 W. 89                         | Garrison, O. † <i>pa</i>       | Whittier                       |
| Galewski, C. <i>c</i>         | 56 W. 112                        | Garrison, R. R.                | S. A. T. C.                    |
| Gall, H. L. C. <i>e</i>       | 2381 Valentine ave.              | Garritson, D. L. † <i>b</i>    | Brooks                         |
| Gallagher, E. M. † <i>e</i>   | 124 W. 75                        | Garry, L. M. † <i>e</i>        | 616 W. 116                     |
| Gallagher, M. C. † <i>e</i>   | 1 W. 67                          | Garside, J. R.                 | S. A. T. C.                    |
| Gallay, S.                    | S. A. T. C.                      | Garson, E. † <i>e</i>          | 411 West End ave.              |
| Gallen, E. B. † <i>e</i>      | 315 W. 97                        | Garst, G. † <i>ed</i>          | 401 W. 118                     |
| Galley, W. H.                 | Naval Unit                       | Garst, R. H. † <i>pa</i>       | Whittier                       |
| Galluccio, C. V. <i>ph</i>    | 205 E. 103                       | Gartenlaub, S. A.              | Naval Unit                     |
| Gallup, T. <i>m</i>           | 411 W. 57                        | Garttner, F. G. <i>e</i>       | 434 Wyckoff ave., Bklyn.       |
| Galvin, E. † <i>e</i>         | 1229 Madison ave.                | Garvin, A. E. † <i>ed</i>      | 509 W. 122                     |
| Galway, J. N. <i>e</i>        | 18 St. Nicholas pl.              | Garwitt, M. <i>e</i>           | 47 E. 105                      |
| Gammon, S. M. † <i>gr ed</i>  | 527 W. 121                       | Gaskell, B. † <i>e</i>         | 106 Morningside dr.            |
| Gamoran, E. <i>gr ed</i>      | 219 W. 120                       | Gasper, A. <i>e</i>            | 126 W. 134                     |
| Gane, H. J.                   | S. A. T. C.                      | Gaston, E. † <i>e</i>          | 70 Morningside dr.             |
| Ganelin, S. <i>mec</i>        | 901 Union, Bklyn.                | Gately, J. A., Jr.             | S. A. T. C.                    |
| Gans, H. <i>ph</i>            | 280 ave. A                       |                                |                                |
| Ganz, H. <i>e</i>             | 255 W. 116                       |                                |                                |

- Gates, A. † *e* 8 W. 108  
 Gates, M. † *pa* Bronxville  
 Gates, R. † *pa* 540 W. 122  
 Gates, S. J. † *e* 154 E. 91  
 Gatewood, E. S. † *b* 607 W. 116  
 Gaubert, J. Q. *e* 207 Hawthorne ave., Yonkers  
 Gaudin, A. M. S. A. T. C.  
 Gaul, J., Jr. *e* 1064 Woodycrest ave.  
 Gauss, P. A. *c* 11 E. 87  
 Gaut, L. T. *e* 529 W. 111  
 Gaylord, V. G. † *e* South River, N. J.  
 Gebhardt, E. R. † *ed* Whittier  
 Geddes, G. † *ed* 430 W. 119  
 Geer, G. M. † *b* 350 W. 71  
 Geffen, H. † *j* 1034 Hoe ave.  
 Gehn, Mrs. M. H. † *e* 415 W. 118  
 Geist, K. *e* 859 Hunts Point ave.  
 Geist, R. H. *gr* 429 W. 117  
 Gelb, S. *e* 67 E. 101  
 Gelbach, F. P. *m* 170 W. 74  
 Gelbin, E. S. A. T. C.  
 Gelfand, H. *e* 186 Orchard  
 Gell, L. S. A. T. C.  
 Geller, A. N. *e* 29 W. 111  
 Gellespie, L. P. S. A. T. C.  
 Geltzer, A. *ph* 1756 Madison ave.  
 Gennis, H. † *e* 420 W. 121  
 Gensler, J. † *e* 310 W. 93  
 Gentile, E. E. S. A. T. C.  
 Gentner, J. E. S. A. T. C.  
 George, J. W. † *ed* 165 Grace Church  
 George, L. † *e* Furnald  
 Geraty, J. E. S. A. T. C.  
 Gerdan, M. † *b* Furnald  
 Gere, K. † *e* 151 E. 19  
 Gerecke, W. F. S. A. T. C.  
 Gerlach, E. † *b* 3 Park terr., White Plains  
 Gerlach, W. F. *e* 415 E. 137  
 Gerloff, M. L. † *gr* 351 Lenox ave.  
 Germer, A. S. A. T. C.  
 Gerrish, H. F. S. A. T. C.  
 Gerstle, C. E. † *e* 602 W. 157  
 Gerstle, E. L. † *e* 602 W. 157  
 Gerstle, J. *e* 33 Bank  
 Gertz, L. Naval Unit  
 Gesell, H. W. *e* 235 Christopher, Montclair  
 Gesner, G. B. *c* 57a Vernon ave., Bklyn.  
 Gesslein, E. † *e* 3816 blvd., W. Hoboken  
 Gettell, J. H. S. A. T. C.  
 Gettinger, M. M. *e* 580 Greene ave., Bklyn.  
 Getty, H. S. † *e* 84 Ashburton ave., Yonkers  
 Getz, E. M. † *ed* 409 Washington ave., Bklyn.  
 Ghandy, T. T. *bu* Gotham Hotel  
 Ghiz, A. N. *ph* 175 Baltic, Bklyn.  
 Gialias, E. G. *c* 117 W. 63  
 Gibbs, C. Van N. † *pa* 420 W. 121  
 Gibson, E. W. † *b* 525 W. 141  
 Gibson, G. *e* 129 W. 48  
 Gibson, J. B. *l* 39 Claremont ave.  
 Gibson, L. A. Naval Unit  
 Gidart, A. W. *gr* 310 W. 139  
 Giddings, A. B. † *gr ed* Mineola, L. I.  
 Giery, M. E. † *ed* 81 Lockwood, Long Island City  
 Giessler, C. † *e* Hawthorne, N. Y.  
 Giet, G. R. S. A. T. C.  
 Gifford, J. N. Naval Unit  
 Gignoux, L. M. † *pa* 40 W. 68  
 Giglio, A. S. V. *c* 230 Christine, Elizabeth  
 Gilbert, A. † *b* 911 W. 7, Plainfield  
 Gilbert, D. P. S. A. T. C.  
 Gilbert, J. H. † *pa* Whittier  
 Gilbert, N. M. † *pa* Whittier  
 Gildea, E. F. S. A. T. C.  
 Gildner, L. M. † *gr* 611 W. 111  
 Giles, D. L. † *e* 610 W. 115  
 Giles, J. W. Naval Unit  
 Giles, W. E. Naval Unit  
 Gill, A. L. † *pa* Whittier  
 Gill, E. I. † *ed* 336 State, Hackensack  
 Gillespie, E. C. † *gr* 417 W. 118  
 Gillespie, F. H. S. A. T. C.  
 Gillespie, L. P. S. A. T. C.  
 Gillespie, M. M. † *b* 584 Broome  
 Gillet, L. B. *gr* 414 W. 120  
 Gillette, C. E. † *gr* 74 Central ave., Hackensack  
 Gillette, R. *e* 461 W. 159  
 Gilliss, J. D. † *pa* 515 W. 122  
 Gillmore, L. A. † *e* 212 E. 46  
 Gillson, G. B. † *b* 500 W. 122  
 Gillum, H. L. † *gr ed* 449 W. 123  
 Gilman, C. M. S. A. T. C.  
 Gilman, M. A. † *gr* 527 W. 121  
 Gilmartin, M. G. † *e* 402 Euclid ave., Westfield  
 Gilmore, C. M. *m* 35 W. 84  
 Gilmore, E. M. *gr ed* 550 W. 172  
 Ginandes, E. S. A. T. C.  
 Gingold, T. L. *m* Livingston

|                            |                               |                            |                                   |
|----------------------------|-------------------------------|----------------------------|-----------------------------------|
| Ginsberg, A. J. <i>m</i>   | 540 W. 122                    | Glockner, A. † <i>e</i>    | 610 E. 3, Bklyn.                  |
| Ginsberg, B. <i>e</i>      | 168 Williams ave., Bklyn.     | Gloo, P. W.                | S. A. T. C.                       |
| Ginsberg, L. <i>e</i>      | 1852 Amethyst                 | Glover, C. S. † <i>ed</i>  | Bronxville                        |
| Ginsberg, W. <i>m</i>      | 969 Fox                       | Glover, L. <i>ph</i>       | 68 Oakwood ave., Orange           |
| Ginsburg, J. <i>gr</i>     | 120 W. 114                    | Gluck, F. † <i>gr</i>      | 80 W. 90                          |
| Ginsburg, S. W.            | S. A. T. C.                   | Gluck, M.                  | S. A. T. C.                       |
| Ginsburg, W. <i>ph</i>     | 1819 Barnes ave.              | Gluck, M. L. † <i>gr</i>   | 2010 Seventh ave.                 |
| Ginsky, E. H. † <i>e</i>   | 137 W. 110                    | Glynn, A. D. † <i>b</i>    | South Broadway, Nyack             |
| Ginzberg, I. I. <i>c</i>   | 1061 Morris ave.              | Glynn, J. T., Jr.          | S. A. T. C.                       |
| Ginzburg, B.               | S. A. T. C.                   | Glynn, M. C. † <i>e</i>    | 547 W. 186                        |
| Ginzburg, B. <i>j</i>      | 112 W. 45                     | Goalwin, H. A. <i>m</i>    | 81 Park ave.                      |
| Ginzburg, D. <i>m</i>      | 1269-47th, Bklyn.             | Goddard, E. G. † <i>e</i>  | Methodist Episcopal Hosp., Bklyn. |
| Ginzburg, S. <i>m</i>      | 39 Brooklyn ave., Bklyn.      | Goddard, N. † <i>pa</i>    | 78 State, Hackensack              |
| Ginzburg, L. <i>m</i>      | 1380 Prospect ave.            | Godfrey, M. R. † <i>e</i>  | 315 W. 97                         |
| Gioirncio, J. B. <i>m</i>  | 795 Bushwick ave., Bklyn.     | Goebell, A. † <i>b</i>     | Brooks                            |
| Giordano, A. <i>ph</i>     | 344 E. 82                     | Goedecke, W. S. <i>e</i>   | 15th Street Pier, Hoboken         |
| Giordano, A. M. † <i>b</i> | 2922 Concourse                | Goemann, E. <i>ph</i>      | Grantwood                         |
| Gitlin, O. <i>e</i>        | 659 Fulton, Jamaica           | Goerlich, E. A.            | S. A. T. C.                       |
| Gitlin, W. A. <i>e</i>     | 61 W. 114                     | Goettelman, N. J.          | Naval Unit                        |
| Gitnick, N. † <i>e</i>     | 149 E. 21                     | Goetz, H. C., Jr.          | S. A. T. C.                       |
| Gitow, I. H. <i>ph</i>     | Monmouth Beach, N. J.         | Goff, M. D. † <i>gr ed</i> | 2940 Broadway                     |
| Gittinger, J. F. <i>e</i>  | 71 Byrne, Hackensack          | Goh, S. <i>e</i>           | 65 Broadway                       |
| Given, B. † <i>ed</i>      | Dumont, N. J.                 | Goikman, G. G. <i>e</i>    | 339 Union, Far Rockaway           |
| Given, E. † <i>pa</i>      | 417 W. 120                    | Gold, E. H. <i>e</i>       | 26 W. 31                          |
| Given, J. B., Jr. <i>m</i> | 463-9th, Bklyn.               | Gold, G.                   | S. A. T. C.                       |
| Gladstone, F.              | Naval Unit                    | Gold, I.                   | S. A. T. C.                       |
| Gladstone, H. <i>e</i>     | 169 W. 34                     | Gold, M. <i>ph</i>         | 1436 Lexington ave.               |
| Glaeser, R. O. <i>e</i>    | 580 Fifth ave.                | Gold, P. M. <i>e</i>       | 61 E. 100                         |
| Glahe, F. M. † <i>e</i>    | 715 Clinton, Hoboken          | Gold, R. E. † <i>ph</i>    | 138 Mercer, Jersey City           |
| Glancey, F. L. † <i>pa</i> | Whittier                      | Goldberg, A. R.            | S. A. T. C.                       |
| Glaser, B.                 | S. A. T. C.                   | Goldberg, B. <i>ph</i>     | 281 Monroe                        |
| Glaser, E. † <i>e</i>      | 513 W. 150                    | Goldberg, B. <i>gr</i>     | 927 Fox                           |
| Glaser, I.                 | S. A. T. C.                   | Goldberg, B. K. † <i>e</i> | 365 W. 118                        |
| Glass, A. <i>c</i>         | 1 Lafayette, White Plains     | Goldberg, C. P.            | S. A. T. C.                       |
| Glass, E.                  | S. A. T. C.                   | Goldberg, E. D. † <i>e</i> | 532 W. 111                        |
| Glasser, F. <i>ed</i>      | Butler, N. J.                 | Goldberg, F. † <i>e</i>    | 128 Hewes, Bklyn.                 |
| Glassgold, A.              | Naval Unit                    | Goldberg, H. <i>ph</i>     | 1474 Washington ave.              |
| Glassgold, G.              | S. A. T. C.                   | Goldberg, H. T. <i>m</i>   | 634 Cleveland, Bklyn.             |
| Glassman, S. † <i>e</i>    | 183 Second ave.               | Goldberg, I. <i>e</i>      | 141 Second ave.                   |
| Glazier, A. C. † <i>e</i>  | 32 Hudson, Hastings-on-Hudson | Goldberg, J. <i>e</i>      | 579 Third ave., Bklyn.            |
| Gleason, M. S. † <i>e</i>  | 80 E. 56                      | Goldberg, J. K.            | S. A. T. C.                       |
| Glenn, A. H. <i>e</i>      | 114 W. 79                     | Goldberg, J. L. <i>e</i>   | 2304 ave. D, Bklyn.               |
| Glenn, H. F. <i>c</i>      | 205 W. 103                    | Goldberg, M. H. † <i>e</i> | 540 W. 122                        |
| Glenn, M. † <i>e</i>       | 618 W. 114                    | Goldberg, S. † <i>e</i>    | 91 Eldridge                       |
| Glenn, M. E. † <i>pa</i>   | 104-6th, Wood Ridge, N. J.    | Goldberg, S. P. <i>m</i>   | 292 E. Broadway                   |
| Glenn, P. B.               | S. A. T. C.                   | Goldberg, W. S.            | S. A. T. C.                       |
| Gleye, E. M. † <i>pa</i>   | 414 W. 118                    | Goldblatt, D. <i>m</i>     | 231 E. 77                         |
| Glickman, M. <i>m</i>      | 437 W. 59                     | Goldblatt, W.              | S. A. T. C.                       |
| Glihoff, H. <i>m</i>       | 645 Amsterdam ave.            | Golden, I. I.              | S. A. T. C.                       |
| Globus, A. <i>c</i>        | 85 Powell, Bklyn.             | Golden, M. F. † <i>pa</i>  | Whittier                          |

- Goldenberg, B. J. *e* 982 Aldus  
 Goldenberg, H. *ph* 1317 Franklin ave.  
 Goldenberg, R. K. *m* Livingston  
 Goldey, N. Naval Unit  
 Goldfarb, H. *ph* 145 E. 4  
 Goldfarb, I. *pa* 260 Clinton, Bklyn.  
 Golding, H. G. S. A. T. C.  
 Golding, J. H. S. A. T. C.  
 Goldman, A. *e*  
 450 Jackson ave., Jersey City  
 Goldman, B. *† gr* 998 Fifth ave.  
 Goldman, E. P. *c*  
 71 Guion pl., New Rochelle  
 Goldman, F. *† e* 53 W. 110  
 Goldman, H. S. A. T. C.  
 Goldman, H. *gr* 998 Fifth ave.  
 Goldman, H. *ph* 235 E. 26  
 Goldman, J. *† gr* 76 E. 90  
 Goldman, S. *† e* 944 Tiffany  
 Goldman, S. M. *† e* 110 Morningside dr.  
 Goldmeer, A. *ph* 123 E. 110  
 Goldner, I. T. S. A. T. C.  
 Goldsmith, A. M. *† e* 310 W. 14  
 Goldsmith, C. E. *† gr ed* 12 W. 77  
 Goldsmith, D. B. *† b* 10 W. 93  
 Goldsmith, H. *gr*  
 460 Palisade ave., W. New York  
 Goldsmith, H. B. S. A. T. C.  
 Goldsmith, I. *e* 242 Rutland rd., Bklyn.  
 Goldsmith, J. *† e* 229 W. 97  
 Goldsmith, K. *† e* 355 W. 145  
 Goldsmith, L. H. *† b* 33 Bank  
 Goldsmith, T. G. A. *c* 143 E. 39  
 Goldstein, A. *ph* 815 E. 166  
 Goldstein, B. H. *m* 834 Beck  
 Goldstein, B. I. *† gr* 617 W. 135  
 Goldstein, B. L. S. A. T. C.  
 Goldstein, C. O. *† e* 420 W. 129  
 Goldstein, D. *c* 32 W. 113  
 Goldstein, F. *† e* 53 W. 112  
 Goldstein, F. *† e* 44 W. 114  
 Goldstein, F. Naval Unit  
 Goldstein, G. *e*  
 24 W. Palisade ave., Englewood  
 Goldstein, H. *m* 311 Broome  
 Goldstein, I. *m* 1462 Wilkins ave.  
 Goldstein, I. *e* 109 ave. B  
 Goldstein, I. E. Naval Unit  
 Goldstein, I. E. *m* 313 E. 102  
 Goldstein, L. *† gr* 134 W. 129  
 Goldstein, M. S. A. T. C.  
 Goldstein, M. *e* 35 Orchard  
 Goldstein, M. C. S. A. T. C.  
 Goldstein, M. M. *m* 496 Sackman, Bklyn.  
 Goldstein, M. R. *c* 50 Cathedral pkway.  
 Goldstein, P. *ph*  
 934 Flatbush ave., Bklyn.  
 Goldstein, R. *e* 2130 Belmont ave.  
 Goldstein, S. S. A. T. C.  
 Goldstein, S. S. A. T. C.  
 Goldstein, S. D. S. A. T. C.  
 Goldstein, T. S. A. T. C.  
 Goldstone, A. S. A. T. C.  
 Goldstone, I. S. A. T. C.  
 Goldwasser, S. S. A. T. C.  
 Goldwater, H. A. *c* 141 W. 121  
 Golembe, H. *m* 51 W. 111  
 Goll, B. C. *† gr ed* 25 Pulaski, Bklyn.  
 Golomb, M. R. *† ph* 57 E. 100  
 Goltman, A. M. *c* 421 W. 57  
 Goltra, I. J. *† gr ed* Whittier  
 Golub, J. *ph* 1301 Washington ave.  
 Gonzales, T. A. S. A. T. C.  
 Gonzalez, E. *a* 242 W. 104  
 Gonzalez Cos, E. *† e* 830 Lexington ave.  
 Gonzalez, R. *m* 437 W. 59  
 Goodchild, Mrs. C. M. *† e*  
 2612 Broadway  
 Goode, D. B. *† e* Fernald  
 Goode, E. C. *† pa* 2460 Seventh ave.  
 Goodelman, E. *c* 465 W. 152  
 Goodell, M. E. *† pa* 527 W. 121  
 Goodenough, F. L. *† e*  
 171 No. pkway., East Orange  
 Goodfriend, I. *c*  
 8644 Twenty-first ave., Bklyn.  
 Goodfriend, M. *m* 827 Kelly  
 Goodman, A. Naval Unit  
 Goodman, A. *e* 23 W. 111  
 Goodman, E. *c* 41 Pinehurst ave.  
 Goodman, E. L. *c* 237 W. 74  
 Goodman, H. E. *† e* Whittier  
 Goodman, H. E. *† pa* Whittier  
 Goodman, H. I. *c* 327 W. 55  
 Goodman, M. *m* 233 E. Broadway  
 Goodman, M. A. *† e* 545 W. 111  
 Goodman, S. A. *e*  
 353 Sheffield ave., Bklyn.  
 Goodman, S. H. V. *† pa* 25 Claremont ave.  
 Goodman, S. S. Naval Unit  
 Goodnough, E. M. *† e* 507 W. 121  
 Goodrich, W. H. S. A. T. C.  
 Goodsell, E. D. *† gr ed* 420 W. 119  
 Goodwin, L. *† e* 423 W. 120  
 Goodwin, N. LaR. *† e*  
 2261 Grand Concourse



- Goodwin, W. † *e* Staten Island Hosp.  
 Gordon, C. † *e* 54 W. 91  
 Gordon, D. *c* 1720 Madison ave.  
 Gordon, E. † *e* 1720 Madison ave.  
 Gordon, F. † *ph* 114 Prospect, Passaic  
 Gordon, F. M. † *gr* 60 W. 83  
 Gordon, H. † *e* 351 Wadsworth ave.  
 Gordon, H. *m* 525 E. 146  
 Gordon, H. *c* 57 W. 111  
 Gordon, J. *c* 110 E. Broadway  
 Gordon, J. *e* 25 St. Nicholas ter.  
 Gordon, J. H. *e* 864 St. Johns pl., Bklyn.  
 Gordon, M. *e* 74 Varet, Bklyn.  
 Gordon, M. M. † *ed* 4428 Park ave.  
 Gordon, R. *e* 751 Dawson  
 Gordon, S. L. † *e* 204 W. 118  
 Gordy, H. M. *gr ed*  
 1057 North ave., Elizabeth  
 Gorelick, M. S. A. T. C.  
 Gorman, A. G. † *pa* Whittier  
 Gorman, C. M. † *e*  
 27 High, Hastings-on-Hudson  
 Gorman, E. M. † *pa* Whittier  
 Gormly, E. F. † *e* 82 Morningside ave.  
 Gorn, I. *e* 670 E. 170  
 Gorrie, E. E. † *e* 57 W. 53  
 Gorton, N. S. † *b*  
 4 Lenox ave., White Plains  
 Gorton, W. VanP. † *b*  
 4 Lenox ave., White Plains  
 Gotilla, A. *ph* 250 W. 16  
 Gott, A. S. † *sp* Brooks  
 Gott, C. P. S. A. T. C.  
 Gottlieb, A. S. A. T. C.  
 Gottlieb, B. S. A. T. C.  
 Gottlieb, B. S. *m* 261 E. 7  
 Goucher, E. † *gr ed*  
 Wallace Lodge, Yonkers  
 Gough, F. A. *e* 184 Joralemon, Bklyn.  
 Gould, M. D. † *e* 106 Morningside dr.  
 Gourlie, J. C. *j* 1439 E. 14, Bklyn.  
 Gowans, E. † *e* 434 W. 120  
 Gower, S. † *b* 606 W. 116  
 Grablowsky, H. A. *gr* 1226 Boston rd.  
 Grace, M. A. † *ed* 431 W. 121  
 Grace, W. J. S. A. T. C.  
 Grady, E. H. † *gr* 550 W. 140  
 Graessle, F. M. † *e*  
 611 McDonough, Bklyn.  
 Graff, I. *e*  
 Inspector General, Camp Merritt, N. J.  
 Grafflin, R. S. †  
 115 Mamaroneck ave., White Plains  
 Grafflin, S. W. *e*  
 115 Mamarock ave., White Plains  
 Graham, A. S. S. A. T. C.  
 Graham, E. N. † *pa* Whittier  
 Graham, G. C. † *ed* 1-7 Post, Yonkers  
 Graham, K. S. † *e* 30 E. 128  
 Graham, R. L. Naval Unit  
 Graham, V. A. † *gr* 11 E. 51  
 Granatoor, L. F. *ph* 1258 Third ave.  
 Grandin, F. † *gr* 126 Claremont ave.  
 Granet, E. S. A. T. C.  
 Granger, F. S. *gr* 400 W. 118  
 Granger, M. L. † *b* Brooks  
 Granoff, J. F. *e* 545 Sutter ave., Bklyn.  
 Grant, E. S. A. T. C.  
 Grant, J. H. S. A. T. C.  
 Grant, J. K. S. A. T. C.  
 Grant, J. R. *gr ed* 510 W. 124  
 Grantz, A. I. *e* 75 Sheriff  
 Grasmuk, F. A. † *e* 133 W. 129  
 Grau, M. *ph* 326 Columbus ave.  
 Graubart, A. H. *e* 2698 Valentine ave.  
 Graves, E. E. S. A. T. C.  
 Graves, E. V. T. S. A. T. C.  
 Graves, H. E. † *e* 501 W. 121  
 Graves, K. B. † *gr ed* Furnald  
 Graves, M. A. † *pa* 121 W. 86  
 Graves, R. B. † *e* 65 Elliott ave., Yonkers  
 Gray, A. R. † *pa* 501 W. 121  
 Gray, F. † *gr ed* 110 Morningside dr.  
 Gray, H. † *e* Whittier  
 Gray, H. D. † *pa* 420 W. 118  
 Gray, M. † *pa* Whittier  
 Gray, M. G. † *pa* Whittier  
 Gray, M. A. † *gr* 660 St. Nicholas ave.  
 Gray, M. L. † *pa* Whittier  
 Gray, M. L. C. † *e* 575 Riverside dr.  
 Gray, R. R. † *e* 246-14th, Bklyn.  
 Gray, W. S. A. T. C.  
 Grayzel, D. M. S. A. T. C.  
 Grayzel, S. *gr* 1517 St. Mark's ave., Bklyn.  
 Grecco, A. J. *ph* 7 Elizabeth  
 Grecco, S. *ph* 130 Alexander ave.  
 Greco, A. J. Naval Unit  
 Green, A. L. † *pa* 526 W. 113  
 Green, C. † *e* 1123 Clay ave.  
 Green, E. C. † *e* 178 E. 79  
 Green, G. H. † *b* 606 W. 116  
 Green, H. K. S. A. T. C.  
 Green, M. † *e* 1050 Amsterdam  
 Green, M. † *ph* 8 York rd., Brighton Beach  
 Green, P. L. *e* 1640 Third ave.  
 Green, R. S. † *e* 1335-45th, Bklyn.

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| Greenan, J. T. <i>gr ed</i>    |                      | Grevers, J. H.                  | S. A. T. C.                       |
| 236 William, E. Orange         |                      | Greze, A. <i>e</i>              | 169 W. 78                         |
| Greenawalt, L. DeF. <i>† e</i> | 600 W. 116           | Grier, W. A. <i>gr</i>          | 14 E. 109                         |
| Greenberg, A.                  | S. A. T. C.          | Gries, J. <i>† e</i>            | 415 W. 118                        |
| Greenberg, B. <i>† e</i>       | 450 Lenox ave.       | Griesar, O. J.                  | S. A. T. C.                       |
| Greenberg, B. R. <i>c</i>      | 1 E. 101             | Griesmer, H. H. <i>e</i>        | 501 Fifth ave.                    |
| Greenberg, H.                  | S. A. T. C.          | Griesmer, R. <i>† gr</i>        | Inwood House, Inwood              |
| Greenberg, H. S.               | S. A. T. C.          | Griffen, J. E.                  | S. A. T. C.                       |
| Greenberg, H. S.               | S. A. T. C.          | Griffith, A. V.                 | S. A. T. C.                       |
| Greenberg, I. <i>ph</i>        | 23 E. 108            | Griffith, J. R. <i>e</i>        | 110 Morningside dr.               |
| Greenberg, J. A.               | S. A. T. C.          | Griffiths, Burtis W.            | S. A. T. C.                       |
| Greenberg, L.                  | S. A. T. C.          | Griffiths, F. L. <i>† e</i>     | 262 Hancock, Bklyn.               |
| Greenberg, M. <i>ph</i>        | 56 E. 103            | Griffiths, L. M. <i>† e</i>     | 312 Haven ave.                    |
| Greenberg, M. L.               | S. A. T. C.          | Griffiths, M. R. M. <i>† gr</i> | 312 Haven ave.                    |
| Greenberg, M. L.               | S. A. T. C.          | Griggs, A. V. <i>† pa</i>       | 434 W. 120                        |
| Greenberg, S. E. <i>ph</i>     | 157 Eighth ave.      | Grimes, A. L. <i>† pa</i>       | 537 W. 121                        |
| Greenberg, W. <i>ph</i>        | 146 Avenue C.        | Grimes, C. A. <i>† e</i>        | 1455 Undercliff ave.              |
| Greenberger, M.                | S. A. T. C.          | Grimminger, J. W.               | Naval Unit                        |
| Greenberger, M. M. <i>e</i>    | 161 W. 29            | Grob, J. J. <i>e</i>            | Hartley                           |
| Greenburg, W.                  | S. A. T. C.          | Grodin, T. M. <i>c</i>          | 263 Floyd, Bklyn.                 |
| Greene, C. L. <i>† b</i>       | 544 W. 114           | Grodofsky, S. H. <i>e</i>       | 44 Liberty ave., Bklyn.           |
| Greene, D. <i>† pa</i>         | 945 Hoe ave.         | Groehl, M. R. <i>† b</i>        | 527 Bedford ave., Bklyn.          |
| Greene, F. M. <i>c</i>         | 257-78th, Bklyn.     | Groenewold, E. <i>† gr ed</i>   | 130 Claremont ave.                |
| Greene, H. A. <i>e</i>         | 303 E. 21            | Groenwold, A. C.                | Naval Unit                        |
| Greene, I. B.                  | S. A. T. C.          | Grof, C. <i>† gr ed</i>         | 5 Acker ave., Ossining            |
| Greene, M. D. <i>† pa</i>      | Whittier             | Grof, J. <i>† bu</i>            | 5 Acker ave., Ossining            |
| Greene, M. K. <i>† e</i>       | Hastings-on-Hudson   | Groggins, S. S.                 | S. A. T. C.                       |
| Greene, S. B. <i>e</i>         | 421 W. 118           | Gros, A. L.                     | S. A. T. C.                       |
| Greene, W. A. <i>† ed</i>      | Teachers College     | Gross, J. <i>† e</i>            | 254 Bedford ave., Mt. Vernon      |
| Greene, W. S., Jr. <i>c</i>    |                      | Gross, J. H. <i>gr ed</i>       |                                   |
| 39 Burnet, East Orange         |                      |                                 | Horace Mann High School           |
| Greenebaum, A. <i>† e</i>      | 2345 Broadway        | Gross, J. M.                    | S. A. T. C.                       |
| Greenfest, M.                  | S. A. T. C.          | Gros, M.                        | S. A. T. C.                       |
| Greenfield, M. <i>† e</i>      | 349 E. 4             | Gross, M. <i>ph</i>             | 340 E. 13                         |
| Greenfield, S. C. <i>gr ed</i> |                      | Gross, O. A. <i>† gr ed</i>     | 411 W. 115                        |
| 827 St. John's pl., Bklyn.     |                      | Gross, S. <i>† b</i>            | 254 Bedford ave., Mt. Vernon      |
| Greenhall, A. L.               | S. A. T. C.          | Gross, S. K. <i>† ed</i>        | 562 W. 164                        |
| Greenidge, V. F. <i>e</i>      | 33 W. 138            | Gross, W. F. <i>e</i>           | 34 DeHart pl., Elizabeth          |
| Greenman, M. H. <i>† b</i>     | 606 W. 116           | Grosser, R. <i>e</i>            | 225 Fifth ave.                    |
| Greenspan, G.                  | S. A. T. C.          | Grosset, A. D.                  | S. A. T. C.                       |
| Greenstein, M. <i>m</i>        | 8 E. 118             | Grossman, A. <i>e</i>           | 657 Morris Park ave.              |
| Greenstern, L.                 | S. A. T. C.          | Grossman, G. F. <i>† gr ed</i>  | 1550 Union, Bklyn.                |
| Greenwald, B. M.               | S. A. T. C.          | Grossman, H. M.                 | Naval Unit                        |
| Greenwald, W. F. <i>c</i>      | 561 W. 147           | Grossman, M. P. <i>† e</i>      | 1174 West Farms rd.               |
| Greenwood, L. H. <i>† pa</i>   | Whittier             | Grossman, T.                    | S. A. T. C.                       |
| Greenwood, M. M. <i>† e</i>    | 36 Clark, Bklyn.     | Grossmann, W. H.                | S. A. T. C.                       |
| Greer, E. <i>†</i>             | A. S. N.             | Grover, E. C. <i>† gr ed</i>    | Closter, N. J.                    |
| Gregor, D. G. <i>m</i>         | Livingston           | Groves, P. T. <i>† j</i>        | 135 E. 52                         |
| Gregory, L. <i>† gr</i>        | 99 Claremont ave.    | Grubneck, M.                    | S. A. T. C.                       |
| Gregory, M. F. <i>† e</i>      | 1445 University ave. | Gruessner, E. A. <i>e</i>       | 124 Kent, Bklyn.                  |
| Greig, M. <i>† gr ed</i>       | 523 W. 121           | Gruggel, C. I. <i>† b</i>       |                                   |
| Grenzbach, F. A. <i>† pa</i>   | 145 W. 122           |                                 | 29 and Sixteenth ave., Whitestone |
| Greve, H. C. <i>† gr</i>       | Furnald              | Grumet, M. N. <i>c</i>          | 346 Wallabout, Bklyn.             |

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| Grunzweig, A.                  | S. A. T. C.                           | Gutowski, W. T. <i>m</i>     |                                |
| Grupe, W. F. <i>e</i>          | 216 W. 18                             |                              | 338 High, Perth Amboy          |
| Gruver, B. M.                  | Naval Unit                            | Guttman, R. † <i>e</i>       | 7 E. 47                        |
| Grzywacz, L. A. † <i>ed</i>    | Ridgewood, N. J.                      | Guze, J. <i>ph</i>           | 228 Broome, Newark             |
| Gsell, R. A. <i>e</i>          | 154 W. 73                             | Gwinn, K. M. † <i>gr ed</i>  | 135 E. 52                      |
| Guckes, E. H. <i>e</i>         | 293 West, W. Hoboken                  | Gyss, E. E.                  | S. A. T. C.                    |
| Guenther, R. I. † <i>gr ed</i> | Whittier                              | Haas, A. M. † <i>e</i>       |                                |
| Guercken, V. † <i>b</i>        | 250 Riverside dr.                     |                              | 234 Knickerbocker ave., Bklyn. |
| Guerdan, E. M. † <i>b</i>      |                                       | Haas, C. A. † <i>e</i>       |                                |
|                                | 216 Highpoint ave., Weehawken Heights |                              | 234 Knickerbocker ave., Bklyn. |
| Guernsey, E. I. † <i>pa</i>    |                                       | Haas, F. <i>e</i>            | 52 E. 41                       |
|                                | 530 Van Cortlandt Park ave., Yonkers  | Haas, H. S. † <i>e</i>       | 161 W. 75                      |
| Guernsey, H. † <i>e</i>        |                                       | Haas, L. <i>m</i>            | 191 Stockton, Bklyn.           |
|                                | Stanley ave., Mamaroneck              | Habicht, H. R. <i>e</i>      | 158 W. 81                      |
| Guerriero, A. P.               | S. A. T. C.                           | Habighorst, E. H.            | S. A. T. C.                    |
| Guggenheim, B. C. † <i>b</i>   | 55 W. 110                             | Habric, E. D. <i>e</i>       |                                |
| Guggenheimer, C. F. † <i>e</i> |                                       |                              | 1523 Gravesend ave., Bklyn.    |
|                                | 600 West End ave.                     | Hacker, L. M.                | S. A. T. C.                    |
| Guggenheimer, S. S.            | Naval Unit                            | Haden, R. <i>ph</i>          | 677 E. 232                     |
| Guild, M. <i>ph</i>            | 411 St. John's pl., Bklyn.            | Haebler, W. T. <i>c</i>      | 32 Mt. Morris pk., West        |
| Guiler, H. P.                  | S. A. T. C.                           | Haefliger, A. <i>e</i>       | 245 W. 104                     |
| Guillet, A. C. † <i>ed</i>     | 514 W. 122                            | Haering, F. M. † <i>pa</i>   |                                |
| Guimes, J. B. <i>e</i>         | 133 W. 120                            |                              | 106 Morningside dr.            |
| Guinee, J. F. † <i>gr ed</i>   | 230 E. 63                             | Haeseler, A. C. † <i>e</i>   | 370 W. 118                     |
| Guinee, M. L. † <i>gr</i>      | 230 E. 63                             | Haeseler, K. <i>e</i>        | 370 W. 118                     |
| Guinness, A. B. <i>c</i>       | Hartley                               | Haessler, L. † <i>gr</i>     | 100 Morningside dr.            |
| Guinness, W. F.                | Naval Unit                            | Hafele, B. † <i>e</i>        | 291 Edgecombe ave.             |
| Guinzburg, L. K. † <i>b</i>    | 115 W. 86                             | Hagarty, A. B. † <i>e</i>    | 117 Montague, Bklyn.           |
| Guterman, R. <i>c</i>          | 545 W. 111                            | Hagdu, E. P. <i>m</i>        | 318 W. 57                      |
| Gulick, W. LeR. <i>e</i>       | Gladstone, N. J.                      | Hagemann, M. C. † <i>e</i>   |                                |
| Gumbinner, L. C.               | S. A. T. C.                           |                              | 98 Ravine ave., Yonkers        |
| Gundersen, G. <i>m</i>         | 437 W. 59                             | Haggerty, D. R. <i>m</i>     | 415 W. 57                      |
| Gundersen, S. B. <i>m</i>      | 437 W. 59                             | Haggerty, F. P.              | S. A. T. C.                    |
| Gunn, C. E. † <i>pa</i>        | 324 W. 83                             | Haggerty, M. L. <i>e</i>     | 61 Broadway                    |
| Gunston, W. J. <i>e</i>        | 2 So. Oxford, Bklyn.                  | Hahn, A. L. † <i>e</i>       | 155 W. 74                      |
| Gunther, E. C. † <i>b</i>      |                                       | Hahn, E. A. † <i>gr</i>      | 552 E. 87                      |
|                                | 198 De Kalb ave., Bklyn.              | Hahn, G. † <i>e</i>          | 448 Central pk., West          |
| Gunther, H. <i>e</i>           | 17 Post ave.                          | Hahn, W. F.                  | S. A. T. C.                    |
| Gunther, T. C. † <i>ed</i>     | 67 Myer, Hackensack                   | Haigh, S. E. S. <i>m</i>     |                                |
| Gurley, A. L.                  | S. A. T. C.                           |                              | 39 Hillcrest ave., Summit      |
| Gurnee, J. R.                  | S. A. T. C.                           | Haight, V. W. <i>m</i>       | 437 W. 59                      |
| Gurnee, L. A. † <i>b</i>       | 1827 Seventh ave.                     | Haines, C. E. <i>m</i>       | 334 W. 56                      |
| Gussack, J.                    | S. A. T. C.                           | Haines, F. H. † <i>gr ed</i> | 522 W. 112                     |
| Gussow, L. <i>ph</i>           | 116 E. 114                            | Hainfield, A. G.             | S. A. T. C.                    |
| Gustafson, F. W. <i>gr ed</i>  | 530 W. 123                            | Hakanson, J. <i>e</i>        | 1935 Daly ave.                 |
| Gustavson, H. G.               | S. A. T. C.                           | Haldenstein, H. W.           | Naval Unit                     |
| Guthrie, E. J.                 | S. A. T. C.                           | Hale, E. † <i>pa</i>         | 1912 Loring pl.                |
| Guthrie, P. A. † <i>b</i>      | 232 E. 11                             | Hale, E. S.                  | S. A. T. C.                    |
| Gutman, D. L.                  | S. A. T. C.                           | Hale, R. B. <i>e</i>         | 3 W. 16                        |
| Gutman, E. † <i>e</i>          | Whittier                              | Hale, R. L.                  | S. A. T. C.                    |
| Gutmann, J. <i>gr</i>          | 2 W. 89                               | Hall, D. † <i>b</i>          | 60 W. 76                       |
| Gutmann, M. † <i>b</i>         | 2 W. 89                               | Hall, E. M. † <i>e</i>       | 523 W. 121                     |
| Gutowitz, L. D.                | Naval Unit                            | Hall, E. S. † <i>gr</i>      | 509 W. 121                     |

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| Hall, F. J. † <i>pa</i>      | 45 E. 62                     | Hammond, E. S. † <i>e</i>     | 501 W. 121                  |
| Hall, F. L. † <i>e</i>       | 6 W. 87                      | Hammond, F. P., Jr.           | S. A. T. C.                 |
| Hall, G. E. † <i>e</i>       | 101 Jewett ave., Jersey City | Hammond, V. E. † <i>e</i>     | 418 W. 118                  |
| Hall, H. G. † <i>e</i>       | 601 W. 127                   | Hammond, W. F. <i>c</i>       | 245 W. 261                  |
| Hall, H. L. † <i>gr</i>      | 420 W. 119                   | Hampton, G. E. <i>e</i>       | 2444 Valentine ave.         |
| Hall, J. † <i>b</i>          | 213 E. 10                    | Hamrick, R. M. † <i>pa</i>    | Whittier                    |
| Hall, J. E. † <i>ed</i>      | 435 W. 119                   | Hanauer, S. <i>e</i>          | 740 West End ave.           |
| Hall, L. M. † <i>pa</i>      | Whittier                     | Hanauer, S. L.                | Naval Unit                  |
| Hall, M. † <i>pa</i>         | Whittier                     | Hanchett, A. † <i>e</i>       | 500 Madison ave.            |
| Hall, M. B. † <i>b</i>       | 311 W. 94                    | Hanchett, D. S. <i>gr</i>     | 436 W. 27                   |
| Hall, M. I. † <i>e</i>       | 606 W. 122                   | Hanchette, M. E. † <i>pa</i>  | 11 Dominick                 |
| Hall, M. M. † <i>ed</i>      | Furnald                      | Hancock, F. L. <i>e</i>       | 64 Alexander, Newark        |
| Hall, R. O.                  | S. A. T. C.                  | Hancock, W.                   | S. A. T. C.                 |
| Hall, R. S. † <i>b</i>       | 133 W. 92                    | Hand, H. L. <i>ph</i>         | Portchester                 |
| Hall, W. E.                  | S. A. T. C.                  | Hand, O. K. <i>e</i>          | 526 W. 122                  |
| Hallenbeck, E. C. <i>ph</i>  | 115 W. 68                    | Handel, J. † <i>e</i>         | 200 W. 111                  |
| Halley, H. G. † <i>pa</i>    | 41 Morsemere pl., Yonkers    | Handforth, S. L.              | S. A. T. C.                 |
| Hallock, B. L. † <i>e</i>    | 603 W. 138                   | Handlin, W. C.                | S. A. T. C.                 |
| Hallock, F. B.               | S. A. T. C.                  | Handy, J. B., Jr.             | S. A. T. C.                 |
| Hallock, H.                  | S. A. T. C.                  | Hanel, L. L.                  | S. A. T. C.                 |
| Hallock, L. J. † <i>b</i>    | 2244 Bronx blvd.             | Hanf, N. F. † <i>e</i>        | 3 W. 102                    |
| Hallock, W. H.               | S. A. T. C.                  | Hankemeyer, H. M. † <i>pa</i> | 501 W. 120                  |
| Halloran, R. D. <i>m</i>     | 53 Ft. Lee rd., Bogota       | Hankemeyer, N. W. † <i>j</i>  | Furnald                     |
| Halpern, J. <i>e</i>         | 151 Second ave.              | Hahn, D. R. † <i>pa</i>       | Whittier                    |
| Halprin, H. <i>e</i>         | 138-40 Ludlow                | Hann, H. E. † <i>pa</i>       | Whittier                    |
| Hamada, I. <i>gr</i>         | 102 W. 123                   | Hannah, H. † <i>e</i>         | 527 W. 121                  |
| Hamanaka, K. <i>gr</i>       | 102 W. 123                   | Hannibal, E. A. † <i>gr</i>   | 523 W. 121                  |
| Hamblin, J. † <i>pa</i>      | 702 Madison ave., Elizabeth  | Hannon, B. A. L. † <i>ed</i>  | 501 W. 120                  |
| Hamburger, E. † <i>e</i>     | 736 Riverside dr.            | Hannon, E. M. † <i>e</i>      | Whittier                    |
| Hamburger, E. O. † <i>e</i>  | 19 E. 98                     | Hannon, J. J. <i>e</i>        | 2100 Fifth ave.             |
| Hamburger, F. M.             | S. A. T. C.                  | Hannum, M. L. † <i>b</i>      | 3609 Broadway               |
| Hamburger, H. † <i>e</i>     | 736 Riverside dr.            | Hanrahan, L. L. † <i>ed</i>   | 69 Main, Lodi, N.J.         |
| Hamill, J. E. † <i>ed</i>    | Closter, N. J.               | Hansell, W. F.                | S. A. T. C.                 |
| Hamilton, E. McC. † <i>e</i> | 118 W. 13                    | Hansen, A. <i>e</i>           | 54 W. 87                    |
| Hamilton, F. I. † <i>pa</i>  | 878 S. 17, Newark            | Hansen, E. R. † <i>e</i>      | 126 Riverside dr.           |
| Hamilton, H. † <i>pa</i>     | 373 Park ave., E. Orange     | Hansen, R. M. † <i>pa</i>     | Whittier                    |
| Hamilton, H. H. <i>m</i>     | 520 W. 124                   | Hanson, R. L.                 | Naval Unit                  |
| Hamilton, H. M. † <i>gr</i>  | 537 W. 121                   | Hanson, Z. † <i>e</i>         | 546 Dean, Bklyn             |
| Hamilton, L. R.              | S. A. T. C.                  | Hanssen, E. C.                | S. A. T. C.                 |
| Hamilton, M. B. † <i>e</i>   | 878 S. 17, Newark            | Harada, K. † <i>e</i>         | 540 W. 124                  |
| Hamlin, S. C. <i>c</i>       | 330 Egmont ave., Mt. Vernon  | Harada, T. <i>gr</i>          | 102 W. 123                  |
| Hamman, M. D. † <i>e</i>     | 50 W. 55                     | Haran, P. S. <i>e</i>         | 3505 Tilden ave., Bklyn.    |
| Hammer, A. <i>c</i>          | 1488 Washington ave.         | Harbaugh, D. L.               | S. A. T. C.                 |
| Hammett, L. W.               | S. A. T. C.                  | Harburger, G. J.              | Naval Unit                  |
| Hammerton, S. E. <i>e</i>    | Hotel Albermarle             | Harburger, R. L. <i>c</i>     | 30 W. 88                    |
| Hammond, B. M. <i>e</i>      | 418 W. 118                   | Hardenbergh, T. D.            | S. A. T. C.                 |
| Hammond, C. A. † <i>e</i>    | 144 Riverside dr.            | Hardie, M. E. † <i>gr ed</i>  | 399 State, Hackensack       |
| Hammond, C. W. <i>ed</i>     | 226 E. 16                    | Hardie, O. V. † <i>ed</i>     | Hawthorne ave., Portchester |
|                              |                              | Hardie, W. A.                 | Naval Unit                  |
|                              |                              | Harding, E. V. † <i>pa</i>    | 523 W. 121                  |
|                              |                              | Harding, K. R. † <i>e</i>     | 550 W. 157                  |



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| Harding, M. E. † <i>ed</i>    | 416 W. 118                      | Hartig, B. C. † <i>e</i>      | 228 Audubon ave.                    |
| Harding, E. A.                | S. A. T. C.                     | Harting, E. T. <i>m</i>       | 3277 Perry ave.                     |
| Hardy, L. H. <i>m</i>         | City Hospital                   | Hartley, D. O. <i>e</i>       | 108 W. 84                           |
| Haring, M. E. † <i>e</i>      | Oradell, N. J.                  | Hartley, G. L. †              | A. S. N.                            |
| Harkavy, L. J. <i>e</i>       | 318 Lenox ave.                  | Hartley, J. E. †              | A. S. N.                            |
| Harland, A. C. <i>e</i>       | 126 W. 85                       | Hartman, E. F.                | S. A. T. C.                         |
| Harlow, A. F. <i>e</i>        |                                 | Hartman, G. † <i>gr ed</i>    | 244 Waverly pl.                     |
|                               | 180 W. Fairview ave., S. Orange | Hartman, R. B. <i>e</i>       |                                     |
| Harlow, E. † <i>b</i>         | 325 W. 86                       |                               | 415 N. Duke, Lancaster, Pa.         |
| Harnden, R. E.                | S. A. T. C.                     | Hartman, W. G.                | S. A. T. C.                         |
| Harper, L. H. † <i>pa</i>     | 317 W. 99                       | Hartmann, W.                  | S. A. T. C.                         |
| Harper, P. A. <i>e</i>        | Westport, Conn.                 | Hartnagel, A. C.              | S. A. T. C.                         |
| Harpootlian, S. M. † <i>b</i> |                                 | Hartnedy, J. A. <i>e</i>      | 1127-49th, Bklyn.                   |
|                               | 69 Jewel, Forest Hills, L. I.   | Hartoeh, E. † <i>e</i>        | 1268 Grant ave.                     |
| Harrelson, H. † <i>ed</i>     | 501 W. 121                      | Hartog, A. <i>e</i>           | 237 W. 132                          |
| Harriman, M. † <i>e</i>       |                                 | Hartshorn, H. I. <i>e</i>     |                                     |
|                               | 23 E. Park pl., Rutherford      |                               | Am. Museum of Nat. History          |
| Harrington, M. K. † <i>ed</i> | Woodhaven, L. I.                | Hartung, E. F. <i>c</i>       | 3277 Perry ave.                     |
| Harrinton, M. R.              | S. A. T. C.                     | Hartung, E. J. † <i>e</i>     | 125 Bryant, Rahway                  |
| Harris, A. T. † <i>b</i>      | Brooks                          | Hartung, J. A. W. <i>e</i>    | 538 W. 156                          |
| Harris, C. M.                 | S. A. T. C.                     | Hartz, M. A. † <i>pa</i>      | 400 W. 118                          |
| Harris, D. † <i>b</i>         | 24 W. 49                        | Harvey, C. G. † <i>e</i>      | 119 Caryl ave., Yonkers             |
| Harris, E. † <i>e</i>         | 559 W. 190                      | Harvey, E. † <i>pa</i>        | 2140 Clinton ave.                   |
| Harris, E. B. † <i>e</i>      | 440 Riverside dr.               | Harvey, E. C. † <i>e</i>      | 140 W. 69                           |
| Harris, E. H. † <i>pa</i>     | Whittier                        | Harvey, M.                    | S. A. T. C.                         |
| Harris, E. P. †               | A. S. N.                        | Harvey, R. L. <i>m</i>        |                                     |
| Harris, F. B. † <i>e</i>      | 8 Garden pl., Bklyn.            |                               | 166 Clinton ave., New Rochelle      |
| Harris, G. A. † <i>e</i>      | 345 W. 59                       | Harvey, R. W.                 | S. A. T. C.                         |
| Harris, H.                    | S. A. T. C.                     | Harwood, H. M. † <i>gr ed</i> | Whittier                            |
| Harris, H. R.                 | S. A. T. C.                     | Haskell, M. E. † <i>b</i>     | 14 Monroe, Mt. Vernon               |
| Harris, J.                    | Naval Unit                      | Hasselbach, G. M. † <i>e</i>  | 542 W. 124                          |
| Harris, L. B. † <i>e</i>      | 504 W. 112                      | Hasseltine, H. † <i>pa</i>    |                                     |
| Harris, M. <i>e</i>           | 827 Tinton ave.                 |                               | 287 S. Lexington ave., White Plains |
| Harris, M. H. <i>gr</i>       | 540 W. 122                      | Hassinger, J. H.              | Naval Unit                          |
| Harris, R. M. † <i>e</i>      | 255 W. 84                       | Hasslacher, A. E. † <i>e</i>  | 400 W. 147                          |
| Harris, S. D. <i>c</i>        | 980 Prospect ave.               | Hastings, E. W.               | Naval Unit                          |
| Harrison, E. <i>m</i>         | 432 W. 58                       | Hastings, S. C. † <i>e</i>    | 50 Morningside dr.                  |
| Harrison, E. † <i>e</i>       | 103 E. 86                       | Hatch, H. E.                  | S. A. T. C.                         |
| Harrison, E. † <i>e</i>       | 1230 Amsterdam ave.             | Hathaway, R. A.               | S. A. T. C.                         |
| Harrison, E. E. <i>m</i>      | 2 E. 97                         | Hattori, A. <i>e</i>          | 614 W. 136                          |
| Harrison, G. † <i>pa</i>      | 537 W. 121                      | Hauer, H. J. <i>e</i>         | 1351 Prospect ave.                  |
| Harrison, G. L. † <i>e</i>    | 537 W. 121                      | Haugaard, W. C., Jr.          | S. A. T. C.                         |
| Harrison, M. L. † <i>e</i>    | 103 E. 86                       | Haugwitz, L. S. <i>c</i>      | 43 Hamilton terr.                   |
| Harrison, P. R. † <i>e</i>    | 416 W. 118                      | Haupt, L. C. † <i>b</i>       | Brooks                              |
| Harrisson, J. O.              | S. A. T. C.                     | Haupt, M. A. M. † <i>gr</i>   | 401 W. 118                          |
| Hart, A. M. † <i>e</i>        | 955 Grant ave.                  | Hausam, W. M. † <i>ed</i>     | 110 Morningside dr.                 |
| Hart, E. S. † <i>pa</i>       | Whittier                        | Hausle, E. C. † <i>gr</i>     | 900 Tinton ave.                     |
| Hart, L. G. † <i>gr ed</i>    | 414 W. 121                      | Haven, T. G. † <i>gr</i>      | S. River, N. J.                     |
| Hart, M. D.                   | S. A. T. C.                     | Havens, L. M. † <i>e</i>      | Palisade Park, N. J.                |
| Hart, M. J. † <i>pa</i>       | Whittier                        | Hawes, E. L. † <i>e</i>       | 32 Camden, Hackensack               |
| Hart, M. L. † <i>pa</i>       | 119 St. James pl., Bklyn.       | Hawkes, J. B.                 | S. A. T. C.                         |
| Hart, T. A.                   | S. A. T. C.                     | Hawkins, E. W.                | S. A. T. C.                         |
| Harter, R. B. † <i>pa</i>     | 3 Sheridan sq.                  | Hawkinson, N. X. † <i>pa</i>  | 620 W. 122                          |

- Hawley, C. A. *gr* 600 W. 122  
 Hawley, E. A. † *pa* 416 W. 122  
 Hawthorne, M. O. † *gr ed* 133 W. 4  
 Haydock, E. G. † *pa* Furnald  
 Hayes, B. D. † *e* 86 Harrison, E. Orange  
 Hayes, K. A. † *ed* Furnald  
 Hayes, M. † *pa* Whittier  
 Haynes, A. L. † *pa* 423 W. 120  
 Hayner, L. J. † *b* 2029 Morris ave.  
 Hays, G. P. † *gr* 510 W. 124  
 Hayes, R. S. Naval Unit  
 Hayward, F. † *pa* 129 E. 31  
 Heacock, H. T. † *e* 86 Haven ave.  
 Healey, F. X. S. A. T. C.  
 Healy, F. C. † *e* 422 W. 47  
 Healy, T. F. *e* 155 W. 93  
 Heaney, A. J. *gr*  
 862 Manhattan ave., Bklyn.  
 Hearn, R. A. *m* 318 W. 57  
 Heath, E. H. † *b*  
 719 Napier ave., Richmond Hill  
 Heath, V. M. † *e* 423 W. 120  
 Heavey, M. M. † *e* 415 W. 120  
 Hebel, F. M. † *pa* Whittier  
 Hebold, S. *m* 57 Second ave.  
 Hecht, H. † *e* 436 E. 89  
 Heck, E. B. *m* Livingston  
 Heck, P. † *ed* 158 Albion ave., Paterson  
 Heckles, O. E. † *e*  
 151 Palisade ave., W. Hoboken  
 Heckman, H. M. S. A. T. C.  
 Heckman, N. A. W. *pa* 420 W. 119  
 Hedden, F. M. † *gr ed*  
 335 Thirteenth ave., Newark  
 Hedges, B. B. † *gr ed* 90 Morningside dr.  
 Hediger, E. M. † *e* 304 Moffatt, Bklyn.  
 Heelan, E. M. † *pa* 414 W. 118  
 Heenan, R. A. S. A. T. C.  
 Heery, M. C. † *e* 71 Amsterdam ave.  
 Heezen, C. † *gr* 417 W. 120  
 Heflin, M. H. † *e* 106 Morningside dr.  
 Heidelberg, M. *e*  
 325 Hopkinson ave., Bklyn.  
 Heiberg, N. H. S. A. T. C.  
 Heilbert, L. † *pa*  
 233 Mott ave., Long Island City  
 Heilbrim, H. R. † *pa* 895 West End ave.  
 Heilbroner, F. J. † *pa* 753 Beck  
 Heilig, R. *e* 318 Jackson ave., Jersey City  
 Heim, R. W. *gr ed* 145 W. 45  
 Heimberger, G. J. *e* 46 Ave. B, Bayonne  
 Heimberger, S. O. † *pa* Whittier  
 Heimerdinger, L. † *b* Vanderbilt ave & 48  
 Heinly, M. J. † *pa* 501 W. 121  
 Heinrich, E. G. † *e* 100 Cathedral pkwy.  
 Heinrichs, C. E. S. A. T. C.  
 Heiss, B. A. *e* Woodcliff-on-Hudson, N. J.  
 Held, L. C. † *e* 501 W. 170  
 Heldt, F. H. *gr* 48 E. 89  
 Heller, A. Naval Unit  
 Heller, A. J. S. A. T. C.  
 Heller, N. H. *e* 62 Columbia  
 Hellmann, L. *bu* Hotel Ansonia  
 Hellstrom, Z. † *pa* 620 W. 122  
 Hellyar, M. † *gr ed* 168 W. 75  
 Helman, M. M. † *pa* 435 W. 119  
 Helmer, G. H. † *e* Nyack, N. Y.  
 Helmer, H. T. *e* 163 Sixth ave., Bklyn.  
 Helmschmied, F. I. † *pa* 564 W. 173  
 Helwig, H. F., Jr. S. A. T. C.  
 Hemingway, G. † *ed* 419 W. 119  
 Hemingway, H. D. † *j* Whittier  
 Hemley, S. S. A. T. C.  
 Hemmings, H. H. *e* 639 E. 3, Bklyn.  
 Henderson, F. W. Naval Unit  
 Henderson, R. E. † *b*  
 101 Columbia Heights  
 Hendler, H. † *e* 1364 Washington ave.  
 Hendon, J. *e* 1463-49th, Bklyn.  
 Hendrickson, E. T. † *e* 520 W. 182  
 Hendry, E. † *pa* 514 W. 122  
 Henk, R. L. *pa* Stamford, Conn.  
 Henkel, R. E. † *e* 601 W. 115  
 Hennessey, A. C. † *e* 364 W. 118  
 Hennessey, D. A. † *e* 2844 Decatur ave.  
 Hennessey, E. T. *ed* Scarsdale, N. Y.  
 Hennessey, J. W. S. A. T. C.  
 Hennessy, C. M. † *e* 353 W. 120  
 Hennessy, H. M. † *b* Roslyn  
 Hennis, H. † *e* 2130 Seventh ave.  
 Henriques, D. † *e* 829 West End ave.  
 Henry, A., Jr. S. A. T. C.  
 Henry, A. G. *gr* 11 Morgan, Yonkers  
 Henry, A. V. † *b* 125 S. 30 Flushing,  
 Henry, M. † *b* Brooks  
 Henry, M. Y. † *gr*  
 92 Highland ave., Jersey City  
 Hensle, C. W. *c*  
 91 Fletcher ave., Mt. Vernon  
 Hentzy, A. L. † *e* 168 W. 73  
 Hepburn, D. B. † *gr*  
 1 Prospect terr., E. Orange  
 Hequembourg, W. F. *e* 102 W. 75  
 Herberg, W. A. *e*  
 380 Eleventh ave., Astoria  
 Herbert, A. N. *e* 633 Amsterdam ave.

- Herbert, E. *gr*  
13 and King's Highway, Bklyn.
- Herbert, M. E. † *pa* 401 W. 118
- Herckmans, A. *c* 66 W. 46
- Herdina, W. J. *e*  
184 Warburton ave., Yonkers
- Herff, H. H. *e* 931 West End ave.
- Herman, A. *e* 771 West End ave.
- Herman, A. S. A. T. C.
- Herman, A. C. S. A. T. C.
- Herman, D. S. *m* 36 Bristol, Bklyn.
- Herman, D. W. S. A. T. C.
- Herman, F. † *pa* 827 Manida
- Herman, H. *ph* 1231 Stebbins ave.
- Hermansen, H. A. S. A. T. C.
- Hermansen, R. A. † *ed* 2690 Valentine ave.
- Herndon, H. N. S. A. T. C.
- Herod, E. N. † *b* 126 Claremont ave.
- Herod, M. † *b* 126 Claremont ave.
- Herold, I. † *e* 225 W. 39
- Herpich, G. A. Naval Unit
- Herrera, R. S. A. T. C.
- Herrig, A. B. † *ed* New Paltz, N. Y.
- Herrington, D. † *pa* Whittier
- Herrington, G. E. † *e* 28 E. 129
- Hermann, G. † *b* 1005 E. 40, Bklyn.
- Herrmann, I. F. † *gr ed* Lawrence, L. I.
- Herrmann, J. E. *e* 524 W. 134
- Herrmann, M. † *j* 21 E. 92
- Herold, R. E. † *gr ed* 405 W. 118
- Hersey, K. F. † *ed* Scarboro, N. Y.
- Herson, H. † *ed* 400 W. 118
- Hersh, D. B. † *e*  
117 W. Jersey, Elizabeth
- Hershhorn, H. S. A. T. C.
- Hershkovits, S. *ph* 1463 Madison ave.
- Hertz, A. † *e* 1981 LaFontaine ave.
- Hertz, M. *ph* 312 E. 121
- Hertz, M. Naval Unit
- Hertz, S. *ph* 960 Kelly
- Hertzler, S. *gr ed* 600 W. 122
- Herz, H. S. A. T. C.
- Herzman, E. L. *e*  
2720 Voorhies ave., Sheepshead Bay
- Herzog, D. B. † *e* 602 W. 137
- Herzog, G. E. † *pa* 500 W. 122
- Hess, B. B. † *e* 161 E. 79
- Hess, D. Naval Unit
- Hess, G. G. † *gr ed* 106 Morningside dr.
- Hessberg, R. H. † *b* 255 W. 84
- Heston, V. C. † *e* Whittier
- Hetfield, F. W. *bu* 536 W. 114
- Hettich, E. L. S. A. T. C.
- Hetzel, R. L. E. † *e*  
41 Hudson ave., W. Hoboken
- Heuermann, H. F. † *e* 2940 Broadway
- Heyl, J. H. *m* Yale Club
- Heyman, F. † *b* 932 Kelly
- Heyman, M. E. † *b* 932 Kelly
- Heymann, E. H. † *b* 440 West End ave.
- Hick, L. M. † *pa* 559 W. 164
- Hickman, F. G. S. A. T. C.
- Hicks, A. H. S. A. T. C.
- Hicks, B. J. S. A. T. C.
- Hicks, G. DeW. † *ed* 523 W. 121
- Hicks, H. L. † *b* Brooks
- Hicks, S. E. † *e*  
336 Pennington ave., Passaic
- Hicks, W. C. † *e* 25 Claremont ave.
- Hiers, E. † *pa* 45 E. 30
- Hiesel, J. † *gr ed* 1 Arden
- Higginbotham, A. † *e*  
187 Schermerhorn, Bklyn.
- Higgins, A. † *e*  
428 New York ave., Jamaica
- Higgins, J. L. S. A. T. C.
- Higgins, L. G. † *pa* Whittier
- Higgins, O. C. † *pa*  
27 High, Glen Ridge, N. J.
- Higgins, S. H. † *e* Edgewater
- Higgins, V. W. *e* 159 Bond, Bklyn.
- Higgins, W. S. A. T. C.
- Higley, W. M. S. A. T. C.
- Hilbert, M. L. † *ed* 216 E. Tremont ave.
- Hildebrand, E. J. S. A. T. C.
- Hilderman, C. † *gr* 184 Eldridge
- Hildred, J. B. S. A. T. C.
- Hileman, N. I. † *e* 430 W. 118
- Hilker, H. W. D. † *ed*  
75 Manhattan ave., Crestwood, N. Y.
- Hill, A. W. † *pa*  
61 Belvidere pl., Yonkers
- Hill, C. E. *gr* 175 Ninth ave.
- Hill, E. † *e*  
453 Wyoming ave., Wyoming, N. J.
- Hill, E. C. B. † *pa*  
Box 95, Grand Central Sta. P. O.
- Hill, E. M. † *pa* Whittier
- Hill, E. T. † *e* 125 W. 74
- Hill, F. M. † *pa* Bridgeport, Conn.
- Hill, G. A., Jr. Naval Unit
- Hill, K. M. *c* Livingston
- Hill, L. R. † *e* 310 W. 142
- Hill, M. A. † *gr ed*  
13 and Blvd., College Point
- Hill, N. G. † *j* 562 W. 149

|                               |                                |                               |                                     |
|-------------------------------|--------------------------------|-------------------------------|-------------------------------------|
| Hill, T., Jr.                 | S. A. T. C.                    | Hoehn, L. H. † <i>gr</i>      | 106 Morningside dr.                 |
| Hill, T. W. <i>e</i>          | 310 W. 142                     | Hoff, A. † <i>b</i>           | 38 E. 72                            |
| Hill, W. F. <i>m</i>          | 299 York, Jersey City          | Hoffberg, I.                  | S. A. T. C.                         |
| Hille, E. F. † <i>e</i>       | 312 Gardner, Union Hill, N. J. | Hoffman, C. V. <i>e</i>       | 30 W. 23                            |
| Hillebrand, H. H. <i>e</i>    | 221 W. 141                     | Hoffman, E. † <i>gr ed</i>    | 2348 Aqueduct ave.                  |
| Hillman, H. C. <i>ph</i>      | 853 Southern blvd.             | Hoffman, E.                   | Naval Unit                          |
| Hillman, M. <i>m</i>          | Livingston                     | Hoffman, F. H. <i>e</i>       | 318 E. 86                           |
| Hillquit, N. E. † <i>e</i>    | 214 Riverside dr.              | Hoffman, H. G. † <i>b</i>     | Brooks                              |
| Hills, D. B. <i>e</i>         | 79 Adelphi, Bklyn.             | Hoffman, I. B. <i>c</i>       | 405 W. 117                          |
| Hilton, E. † <i>ed</i>        | 1003 Arlington ave., E. Orange | Hoffman, J. J.                | S. A. T. C.                         |
| Hilton, G. B.                 | S. A. T. C.                    | Hoffman, L. F.                | S. A. T. C.                         |
| Hilton, L. M. † <i>e</i>      | 95 State, Hackensack           | Hoffman, M. † <i>pa</i>       | Whittier                            |
| Hilton, N. E.                 | S. A. T. C.                    | Hoffman, M. † <i>b</i>        | 485 W. 135                          |
| Himmelberger, K. † <i>e</i>   | 60 Linden ave., Jersey City    | Hoffman, M. S.                | S. A. T. C.                         |
| Himoff, L. † <i>pa</i>        | 104 W. 190                     | Hoffman, M. V. † <i>e</i>     | 575 West End ave.                   |
| Hines, T. J.                  | S. A. T. C.                    | Hoffman, R. <i>ph</i>         | 26 E. Broadway                      |
| Hinman, H. † <i>pa</i>        | 340 Park ave.                  | Hofford, M. K. † <i>pa</i>    | Whittier                            |
| Hiramoto, M. <i>gr ed</i>     | 102 W. 123                     | Hoggard, C. D.                | S. A. T. C.                         |
| Hirashima, M. <i>e</i>        | 895 West End ave.              | Hoichi, K. <i>e</i>           | 119 E. 34                           |
| Hirons, G., Jr.               | S. A. T. C.                    | Hoke, C. M. † <i>gr</i>       | 14 John                             |
| Hirsch, E. D. <i>e</i>        | 67 E. 108                      | Holcke, H. A. † <i>e</i>      | 2504 Church ave., Bklyn.            |
| Hirsch, E. S.                 | S. A. T. C.                    | Holcombe, P.                  | S. A. T. C.                         |
| Hirsch, H. † <i>e</i>         | 936 Home                       | Holden, D. B. † <i>ed</i>     | Whittier                            |
| Hirschberg, B. F. † <i>e</i>  | 1100 Park ave.                 | Holden, O. W. † <i>b</i>      | 122 McLean ave., Yonkers            |
| Hirschhorn, L. <i>c</i>       | 236-2nd                        | Holland, D. H. <i>e</i>       | 231 E. 87                           |
| Hirschowitz, H. † <i>pa</i>   | 4520 Thirteenth ave., Bklyn.   | Hollander, F. <i>c</i>        | 113 South 4, Bklyn.                 |
| Hishikawa, S. <i>gr</i>       | 102 W. 123                     | Holliday, E. P.               | S. A. T. C.                         |
| Hisozumi, H. <i>c</i>         | 102 W. 123                     | Holliday, F. B. † <i>pa</i>   | 509 W. 121                          |
| Hitchens, W. A.               | S. A. T. C.                    | Hollingsworth, O. † <i>gr</i> | 514 W. 122                          |
| Hoag, D. M. † <i>ed</i>       | 415 W. 118                     | Holloway, E. St. C.           | S. A. T. C.                         |
| Hoagland, H.                  | S. A. T. C.                    | Holly, J. E.                  | S. A. T. C.                         |
| Hobbs, C. A. † <i>e</i>       | 455 W. 153                     | Hollyer, J. H.                | S. A. T. C.                         |
| Hobby, A. G.                  | Naval Unit                     | Hollywood, J. <i>e</i>        | 26 Willoughby, Bklyn.               |
| Hobe, E. B. † <i>b</i>        | Brooks                         | Holmes, L. † <i>gr</i>        | 501 W. 121                          |
| Hoberman, S.                  | S. A. T. C.                    | Holpp, M. V. † <i>e</i>       | 158 Gregory ave., Passaic           |
| Hochman, S. C. <i>e</i>       | 853 E. 176                     | Holslag, R. C.                | S. A. T. C.                         |
| Hochstadter, W. <i>m</i>      | 316 W. 81                      | Holt, B. † <i>e</i>           | 163 W. 73                           |
| Hodenpyl, M. † <i>sp</i>      | 37 E. 63                       | Holt, H. D. <i>gr ed</i>      | 625 W. 113                          |
| Hodenpyl, M. T. G. † <i>e</i> | 174 Woodruff ave., Bklyn.      | Holtz, E. <i>c</i>            | 180 Edgecombe ave.                  |
| Hodes, J.                     | S. A. T. C.                    | Holub, V. R. † <i>m</i>       | 940 Castleton ave., W. New Brighton |
| Hodes, W.                     | S. A. T. C.                    | Holz, M. B. † <i>gr</i>       | 2783 Broadway                       |
| Hodges, A. B. <i>m</i>        | Livingston                     | Holz, S. † <i>gr</i>          | 2783 Broadway                       |
| Hodges, A. V.                 | S. A. T. C.                    | Holzwasser, F. † <i>gr</i>    | 310 W. 97                           |
| Hodnett, E. <i>c</i>          | 543 W. 123                     | Hooper, G. D. † <i>b</i>      | 130 W. 74                           |
| Hodsdon, E. W. † <i>e</i>     | 232 Harrison ave., Jersey City | Hoops, M. † <i>e</i>          | 102 W. 80                           |
| Hoefler, C. † <i>gr ed</i>    | 417 W. 122                     | Hoose, H. J.                  | S. A. T. C.                         |
| Hoehn, E. <i>e</i>            | 410 E. 157                     | Hoover, E. D. † <i>e</i>      | 449 W. 123                          |
|                               |                                | Hoover, W. B. † <i>e</i>      | 446 Manhattan ave.                  |
|                               |                                | Hopkins, A. McH. † <i>b</i>   | 1014 Madison ave.                   |



|                              |                                 |                             |                                 |
|------------------------------|---------------------------------|-----------------------------|---------------------------------|
| Hopkins, E. A. <i>e</i>      | 529 W. 111                      | Howard, C. N.               | S. A. T. C.                     |
| Hopper, A. F. <i>pa</i>      | 24 Randolph rd., Plainfield     | Howard, D. L. $\dagger e$   | 441 Park ave.                   |
| Hopper, B. S.                | S. A. T. C.                     | Howard, H. $\dagger e$      | 501 W. 121                      |
| Hopper, T. T. $\dagger e$    | 176 W. 73                       | Howard, J. M. <i>e</i>      | 814 Greene ave., Bklyn.         |
| Hopping, C. M. $\dagger pa$  | Whittier                        | Howard, J. W. <i>m</i>      | Livingston                      |
| Hopps, L.                    | S. A. T. C.                     | Howard, M. G. $\dagger e$   | Roosevelt Hospital              |
| Horan, H. J. T.              | Naval Unit                      | Howard, T. <i>e</i>         | 1834 Broadway                   |
| Horan, M. G. $\dagger e$     | 21 Astor, Newark                | Howe, A. $\dagger ed$       | 154 Wallace ave., Mt. Vernon    |
| Horn, L. $\dagger b$         | 324 E. 67                       | Howe, A. C. $\dagger e$     | 275 Ocean ave., Bklyn.          |
| Horn, H. W. $\dagger e$      | 165 W. 74                       | Howe, E. A. $\dagger e$     | 214 W. 92                       |
| Horn, R. L.                  | S. A. T. C.                     | Howe, J. I.                 | S. A. T. C.                     |
| Hornbeck, N. $\dagger e$     | 153 E. 62                       | Howe, R. J. $\dagger pa$    | 250 Adelphi, Bklyn.             |
| Horne, L. M. <i>m</i>        | 437 W. 59                       | Howe, W. A.                 | S. A. T. C.                     |
| Horner, B. $\dagger e$       | 102a Morgan, Weehawken          | Howell, J. T. <i>m</i>      | 205 Grand, Newburgh             |
| Horowitz, E. $\dagger e$     | 414 W. 118                      | Howell, R. W.               | Naval Unit                      |
| Horowitz, E. A. <i>m</i>     | 152 W. 64                       | Howes, V. B. $\dagger ed$   | 135 E. 52                       |
| Horowitz, H. <i>gr ed</i>    | 335 Crimmins ave.               | Hoxie, D. E. $\dagger pa$   | Whittier                        |
| Horowitz, H. <i>c</i>        | 485 Ashford, Bklyn.             | Hoysradt, G. H. $\dagger e$ | 414 W. 118                      |
| Horowitz, Jos. <i>ph</i>     | 950 Second ave.                 | Hoyt, L. $\dagger ed$       | Bridgeport, Conn.               |
| Horowitz, W. <i>e</i>        | 995 Southern blvd               | Hoyt, O. S. $\dagger gr ed$ | 73 Carnegie ave., E. Orange     |
| Horsberger, R. G. <i>c</i>   | 538 W. 114                      | Hritz, J., Jr. <i>c</i>     | Hastings-on-Hudson              |
| Horsfall, M. E. $\dagger e$  | 319 Fairmount ave., Jersey City | Hsi, J. T. <i>bu</i>        | 422 W. 115                      |
| Horsfield, M. B. $\dagger e$ | Rye, N. Y.                      | Hsu, C. C. <i>gr</i>        | 505 W. 124                      |
| Horstmann, H. G.             | S. A. T. C.                     | Hsu, S. <i>gr</i>           | 415 W. 115                      |
| Horton, C. G.                | S. A. T. C.                     | Hsu, S. C. <i>gr</i>        | 400 W. 118                      |
| Horton, E. B. $\dagger pa$   | Whittier                        | Hu, C. H. <i>gr</i>         | 416 W. 118                      |
| Horton, E. F. $\dagger e$    | 58 Beech, E. Orange             | Hu, T. C. S. <i>gr ed</i>   | 175 Ninth ave.                  |
| Horwitz, B. <i>e</i>         | 1923-86th, Bklyn.               | Huang, C. C. <i>gr</i>      | 416 W. 118                      |
| Horwitz, E. $\dagger e$      | Ulster, Hollis, L. I.           | Huang, F. H. <i>gr</i>      | 527 W. 121                      |
| Hoshino, A. <i>gr ed</i>     | 523 W. 121                      | Hubbard, M. A. $\dagger e$  | 44 Highwood ter., Weehawken     |
| Hossfeld, G. J.              | S. A. T. C.                     | Hubbard, R. W. $\dagger$    | A. S. N.                        |
| Hotaling, G. R.              | S. A. T. C.                     | Hubbell, J. G. $\dagger pa$ | 230 Riverside dr.               |
| Hotchkiss, A. $\dagger pa$   | Whittier                        | Hubbell, S. S. $\dagger e$  | 2350 Broadway                   |
| Hotmean, A. L. $\dagger e$   | S. A. T. C.                     | Hubel, E. E. $\dagger ph$   | 215 E. 71                       |
| Hottendorf, G. H.            | S. A. T. C.                     | Huber, F. <i>c</i>          | 209 E. 17                       |
| Hottensen, M. $\dagger e$    | 2109 Harrison ave.              | Huber, W. H. <i>m</i>       | 437 W. 59                       |
| Hou, T. P. <i>gr</i>         | 635 W. 115                      | Hubert, I. <i>ph</i>        | 114 E. 81                       |
| Houghton, R. $\dagger b$     | 453 Boulevard, Long Island City | Huddleston, R. A. <i>e</i>  | 32 Liberty                      |
| Houlahan, J. M.              | S. A. T. C.                     | Hudson, J. G.               | S. A. T. C.                     |
| Hourwich, O. L. $\dagger e$  | 341 E. 25, Bklyn.               | Huebner, A., Jr.            | S. A. T. C.                     |
| Houseman, W. L. <i>gr ed</i> | 56 Rathbun ave., White Plains   | Huettner, A. F. <i>gr</i>   | Jones rd., Fort Lee             |
| Houser, C. M.                | S. A. T. C.                     | Huff, S. B. $\dagger pa$    | 400 Convent ave.                |
| Houser, R. B. $\dagger gr$   | Whittier                        | Hughes, A. W. $\dagger ed$  | 87 Bard ave., Livingston, S. I. |
| Housley, B. E. <i>c</i>      | 634 E. 12, Bklyn.               | Hughes, C. F. $\dagger e$   | 167 W. 72                       |
| Housman, I. E. $\dagger gr$  | 519 Garden, Hoboken             | Hughes, E. L. $\dagger e$   | 461 Morris ave., Elizabeth      |
| Housman, N. R.               | S. A. T. C.                     | Hughes, F. L. <i>m</i>      | 318 W. 57                       |
| Houston, R. B.               | Naval Unit                      | Hughes, H. S.               | S. A. T. C.                     |
| Houston, V. A. $\dagger pa$  | 106 Morningside dr.             | Hughes, I. C. $\dagger e$   | 140 W. 57                       |

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|-------------------------------|---------------------------------|---------------------------------|-----------------------------|
| Hughes, J. F.                 | S. A. T. C.                     | Hutchings, G. P.                | S. A. T. C.                 |
| Hughes, J. T.                 | S. A. T. C.                     | Hutchins, M. † <i>pa</i>        | 50 Morningside dr.          |
| Hughes, M. E. † <i>e</i>      | 263 W. 27                       | Hutchins, O. B. † <i>e</i>      | 4 Thomas pl., New Rochelle  |
| Hughes, M. P. † <i>e</i>      | 271 Clifton ave., Newark        | Hutchinson, F. L. <i>e</i>      | 228 W. 71                   |
| Hughes, R. H. <i>gr</i>       | Union Theo. Seminary            | Hutchinson, J. N. † <i>ed</i>   | 209 Madison ave., Passaic   |
| Hughes, R. M. † <i>pa</i>     | 112 Park ave., Paterson         | Hutchinson, M. D. † <i>ed</i>   | 508 W. 114                  |
| Hughes, W. M. <i>m</i>        | 421 W. 57                       | Hutchison, E. V. † <i>b</i>     | 174 Hawthorne ave., Yonkers |
| Huie, C. A. † <i>pa</i>       | 225 E. 31                       | Hutchison, H. R.                | S. A. T. C.                 |
| Hull, M. C. <i>bu</i>         | Larchmont                       | Hutchison, J. L. † <i>gr ed</i> | Whittier                    |
| Hull, O. L. <i>gr</i>         | 1391 Clinton ave.               | Huth, J. H., Jr. <i>ph</i>      | 540 W. 136                  |
| Hulse, M. L. † <i>e</i>       | 320 Manhattan ave.              | Hutner, S. <i>m</i>             | 1130 Union ave.             |
| Hulst, G. M. † <i>e</i>       | 430 W. 118                      | Hutto, E. J. † <i>e</i>         | 2469 Broadway               |
| Hume, H. G. † <i>e</i>        | 2261 Loring pl.                 | Hutton, E. M. † <i>b</i>        | 134 Allen pl., New Brighton |
| Hume, M. B. † <i>gr</i>       | Whittier                        | Hutton, J. G. † <i>ed</i>       | 133 Fourth                  |
| Hummel, A. S. <i>l</i>        | 3688 Broadway                   | Hutzel, M. E. † <i>pa</i>       | Whittier                    |
| Humphrey, A. L. <i>e</i>      | 368 Boston Post rd., Mamaroneck | Hvoslef, M. † <i>e</i>          | 71 Linden ave., Bklyn.      |
| Humphrey, C. McC. † <i>pa</i> | 320 W. 107                      | Hwang, S. H. <i>gr</i>          | 1090 Amsterdam ave.         |
| Humphreys, L. G. † <i>e</i>   | 604 E. 18, Paterson             | Hyde, E. † <i>e</i>             | Whittier                    |
| Humphreys, M. <i>ph</i>       | Morristown, N. J.               | Hyde, G. <i>e</i>               | 315 W. 113                  |
| Humphreys, S. L. † <i>b</i>   | Eagle Rock ave., W. Orange      | Hyde, J. F.                     | S. A. T. C.                 |
| Hung, W. <i>gr</i>            | 600 W. 122                      | Hyde, L. † <i>pa</i>            | Whittier                    |
| Hunphries, J. J. <i>e</i>     | 941 Sixth ave.                  | Hyman, J. C. <i>e</i>           | 38 W. 1164                  |
| Hunsicker, C. V. † <i>e</i>   | 509 W. 121                      | Hyman, L. R. † <i>e</i>         | 438 W. 116                  |
| Hunsicker, O. A.              | S. A. T. C.                     | Hyman, M.                       | S. A. T. C.                 |
| Hunt, B. † <i>e</i>           | 584 E. 165                      | Hyman, P. B. † <i>pa</i>        | Whittier                    |
| Hunt, C. Van D. <i>e</i>      | 731 E. 156                      | Hyman, S. A.                    | S. A. T. C.                 |
| Hunt, G. B.                   | S. A. T. C.                     | Hynes, G. D.                    | S. A. T. C.                 |
| Hunt, I. D. † <i>pa</i>       | Whittier                        | Iacuzzi, A. <i>gr</i>           | 30 Henry                    |
| Hunt, T. B.                   | Naval Unit                      | Ichiriki, J. <i>gr</i>          | 26 Post ave.                |
| Hunter, M. W. † <i>b</i>      | Whittier                        | Ickis, M. G. † <i>gr</i>        | Whittier                    |
| Hunter, N. C.                 | S. A. T. C.                     | Ickler, C. S. † <i>b</i>        | 324 W. 103                  |
| Hunter, W. R.                 | Naval Unit                      | Ihata, M. <i>bu</i>             | 44 Morningside dr.          |
| Huntington, E. T. † <i>pa</i> | 16 Glen Ave., Mt. Vernon        | Iijima, I. <i>gr</i>            | 330 E. 57                   |
| Hupp, J. L. <i>gr ed</i>      | 537 W. 121                      | Ikeguchi, T. <i>gr</i>          | 312 W. 114                  |
| Hupper, M. A. † <i>gr ed</i>  | 430 W. 118                      | Iles, L. † <i>gr ed</i>         | 519 W. 121                  |
| Hurewitz, E. † <i>b</i>       | 2 W. 88                         | Ilg, A. † <i>e</i>              | 440 Manhattan ave.          |
| Hurewitz, R. † <i>e</i>       | 2 W. 88                         | Illinger, F. X.                 | Naval Unit                  |
| Hurlbut, L. † <i>e</i>        | 65 Maurice ave., Elmhurst       | Illman, M. G. † <i>e</i>        | Furnald                     |
| Hurley, E. B. †               | A. S. N.                        | Imamura, S. <i>ed</i>           | Union Theo. Seminary        |
| Hurst, A. E. † <i>e</i>       | 144 Riverside dr.               | Imber, B. † <i>ph</i>           | 272 E. 4                    |
| Hurt, H. W. <i>gr ed</i>      | 602 W. 190                      | Imhof, V. † <i>e</i>            | 2958 Marion ave.            |
| Hurwich, B. <i>ed</i>         | 746 St. Nicholas ave.           | Immekus, C. P.                  | S. A. T. C.                 |
| Hurwitz, H.                   | S. A. T. C.                     | Immel, M. von K. † <i>pa</i>    | Whittier                    |
| Hurwitz, L. J. <i>m</i>       | 1824 Crotona ave.               | Ingalls, A. D. † <i>e</i>       | 345 W. 85                   |
| Hussey, M. M. † <i>pa</i>     | 606 W. 114                      | Ingalls, D. W.                  | S. A. T. C.                 |
| Husted, S. H.                 | S. A. T. C.                     | Ingalls, E. L. † <i>e</i>       | 519 W. 121                  |
| Hutchens, D. K. <i>m</i>      | 321 E. 42                       | Ingersoll, J. C.                | Naval Unit                  |
|                               |                                 | Ingham, H. S. † <i>ed</i>       | 93 Bruce ave., Yonkers      |
|                               |                                 | Ingilis, J. A.                  | S. A. T. C.                 |

- Ingram, C. P. † *ed* 527 W. 121  
 Intemann, A. C. *e* 2226 Loring pl.  
 Intemann, E. S. † *pa* 2226 Loring pl.  
 Irvine, E. S. † *gr ed* 140 W. 103  
 Irvine, M. † *e* Hempstead  
 Irving, I. M. S. A. T. C.  
 Irwin, W. F. † *b* 414 W. 118  
 Irwin, W. S. *e*  
     311 Fourteenth ave., Astoria  
 Isaacs, J. L. *gr* 106 Morningside dr.  
 Isaacson, A. I. S. A. T. C.  
 Isaacson, B. *e* 296 Brook ave.  
 Isaacson, C. B. S. A. T. C.  
 Isenburger, F. J. † *j*  
     93 Schenck ave., Bklyn.  
 Iserson, H. R. *c* Edgemere  
 Ishihara, K. † *ed* 514 W. 122  
 Ish-Kishor, S. *e* 1 E. 124  
 Israel, R. G. *m* 312 W. 93  
 Ivens, H. B. *e*  
     22 Orchard, Ridgefield Park, N. J.  
 Ives, L. S. S. A. T. C.  
 Ivone, N. F. *e* 334 E. 112  
 Iwamoto, K. † *e* 540 W. 124  
 Iwasaki, U. *gr* 102 W. 123  
 Jacinto, A. *e* 238 W. 112  
 Jack, J. E. *m* 437 W. 59  
 Jackson, A. S. *m* 106 Morningside dr.  
 Jackson, A. W. S. A. T. C.  
 Jackson, C. E. † *gr ed*  
     The Miami, W. 121  
 Jackson, E. † *e*  
     758 N. Broadway, Yonkers  
 Jackson, E. R. † *e* 325 W. 52  
 Jackson, F. H. S. A. T. C.  
 Jackson, F. T. S. A. T. C.  
 Jackson, H. W. † *b* 555 Madison ave.  
 Jackson, J. J. S. A. T. C.  
 Jackson, K. A. † *pa* Whittier  
 Jackson, L. Z. † *e* 509 W. 121  
 Jackson, M. K. † *e* 112 E. 17  
 Jacob, A. M. † *e* 567 W. 113  
 Jacob, E. H. † *pa* 777 West End ave.  
 Jacob, L. E. † *e* 567 W. 113  
 Jacob, W. B. S. A. T. C.  
 Jacobi, H. G. *m* 871 E. 170  
 Jacobs, A. M. *l* 502 W. 170  
 Jacobs, B. C. † *e* 435 W. 119  
 Jacobs, B. M. † *pa* 420 W. 118  
 Jacobs, E. † *e* 1057 Morris ave.  
 Jacobs, E. † *b* 201 W. 112  
 Jacobs, E. L. † *e* 527 W. 121  
 Jacobs, F. M. † *e* 8 Riggs pl., S. Orange  
 Jacobs, G. † *e* 736 Riverside dr.  
 Jacobs, I. W. *m* 1917 Walton ave.  
 Jacobs, J. B. *m* 700 W. 163  
 Jacobs, J. H. S. A. T. C.  
 Jacobs, L. *gr* 28 Second pl., Bklyn.  
 Jacobs, L. *ph* 18 Pike  
 Jacobs, L. S. A. T. C.  
 Jacobs, M. B. S. A. T. C.  
 Jacobs, S. J. † *gr* 5 Charles  
 Jacobs, S. M. *e* 94 and Broadway  
 Jacobsen, M. S. *c*  
     207 Graham ave., Bklyn.  
 Jacobson, A. † *pa* 523 W. 121  
 Jacobson, H. L. *e* 74 Broadway  
 Jacobson, L. M. *ph* 1650 Madison ave.  
 Jacobson, M. B. *e* 542 Jerome, Bklyn.  
 Jacobson, M. C. † *j* 115 Johnson, Bklyn.  
 Jacobson, R. *c* 2015-66th, Bklyn.  
 Jacobson, S. A. *e* 535 W. 163  
 Jacoby, E. B. † *gr ed* Westwood, N. J.  
 Jacoby, E. M. † *b* 39 Claremont ave.  
 Jacoby, H. 635 E. 6  
 Jacoby, O. N., Jr. *c* 550-4th, Bklyn.  
 Jacque, P. D. † *e* 253 W. 72  
 Jaeger, L. P. Naval Unit  
 Jaeger, W. C., Jr. S. A. T. C.  
 Jaffe, G. J. *e* 545 W. 164  
 Jaffe, L. S. A. T. C.  
 Jaffe, M. E. S. A. T. C.  
 Jaffe, P. J. S. A. T. C.  
 Jaffe, W. *gr* 1812 Amsterdam ave.  
 Jaffray, A. E. † *e*  
     162 Glenbrook rd., Stamford  
 Jagels, C. H. S. A. T. C.  
 Jaggard, A. G. † *gr*  
     697 Church, Richmond Hill  
 Jaglowski, E. A. † *pa* Whittier  
 Jahn, H. M. † *pa*  
     202 Lexington ave., Passaic  
 Jahr, A. D. *gr* 1129 Madison ave.  
 Jalovaara, A. E. *e* 1 W. 100  
 Jamba, A. † *e* 747 Bayway, Elizabeth  
 Jame, A. S. A. T. C.  
 James, E. † *b* 7 E. 70  
 James, G. H. *e* 219 E. 57  
 James, H. F. † *pa* 49 E. 53  
 James, M. † *pa* 501 W. 121  
 James, M. A. † *e* 543 W. 123  
 Jameson, E. † *gr ed* 405 W. 118  
 Jamieson, I. † *b* 606 W. 116  
 Jamieson, S. G. S. A. T. C.  
 Jamison, G. H. S. A. T. C.  
 Jander, H. *e* 509 E. 77

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|------------------------------------------------------------------------|-----------------------------|----------------------------------------------|-------------------------------------|
| Jane, J. N., Jr. <i>c</i>                                              | 7 E. 32                     | Johnson, A. H.                               | S. A. T. C.                         |
| Janes, F. B. $\dagger b$                                               | 2519 Sedgwick ave.          | Johnson, A. M. $\dagger b$                   | 87 Vernon ave., Mt. Vernon          |
| Janes, M. B. $\dagger pa$                                              | 837 Jennings                | Johnson, B. F. $\dagger e$                   | 404 W. 115                          |
| Janeway, E. A. $\dagger b$                                             | 131 E. 60                   | Johnson, C. $\dagger e$                      | 439 W. 123                          |
| Janssen, W. E.                                                         | S. A. T. C.                 | Johnson, C. <i>e</i>                         | 510 W. 149                          |
| Jarecky, F. H. $\dagger b$                                             | 138 W. 86                   | Johnson, E. E. <i>e</i>                      | 530 Fifth ave.                      |
| Jarmel, B.                                                             | S. A. T. C.                 | Johnson, E. F. $\dagger b$                   | 514 W. 134                          |
| Jarrell, A. J. $\dagger pa$                                            | Whittier                    | Johnson, E. M. $\dagger b$                   | 234 W. 122                          |
| Jarrett, I. $\dagger pa$ Staten Island Hosp., S. I.                    |                             | Johnson, E. R. $\dagger b$                   | 115 Union pl., Lynbrook, N. Y.      |
| Jarvis, H. W.                                                          | S. A. T. C.                 | Johnson, E. R., Jr.                          | S. A. T. C.                         |
| Jarvis, R. F. $\dagger b$                                              | Brooks                      | Johnson, E. W. <i>gr ed</i>                  | 325 Walnut, Roselle                 |
| Jayne, L. H.                                                           | S. A. T. C.                 | Johnson, F. C. <i>m</i>                      | 346 W. 57                           |
| Jeffers, R. E. $\dagger ed$ 65 Central Park West                       |                             | Johnson, F. O.                               | S. A. T. C.                         |
| Jefferson, M. G. $\dagger pa$                                          | Whittier                    | Johnson, H. A.                               | S. A. T. C.                         |
| Jelliffe, S., Jr. <i>c</i>                                             | 64 W. 56                    | Johnson, H. T.                               | S. A. T. C.                         |
| Jenik, L. A. <i>e</i> 133 Ferguson, Corona, L. I.                      |                             | Johnson, I. S.                               | S. A. T. C.                         |
| Jenkins, A. L. $\dagger pa$ 106 Morningside dr.                        |                             | Johnson, I. W. $\dagger ph$                  | Butler, N. J.                       |
| Jenkins, C. B. <i>e</i>                                                | 620 W. 122                  | Johnson, J. H.                               | S. A. T. C.                         |
| Jenkins, E. $\dagger ed$                                               | 509 W. 112                  | Johnson, J. S. $\dagger e$                   | Hotel Marseilles                    |
| Jenkinson, S. L. <i>e</i>                                              | 270 Broadway                | Johnson, K. B. $\dagger pa$                  | 501 W. 120                          |
| Jenks, D. A. $\dagger b$                                               | 622 W. 113                  | Johnson, L. C. $\dagger gr ed$               | 135 E. 52                           |
| Jennings, A. S. $\dagger b$                                            | 44 E. 80                    | Johnson, L. E. $\dagger gr ed$               | 523 W. 121                          |
| Jennings, C. $\dagger e$                                               | 11 E. 70                    | Johnson, L. E. $\dagger pa$                  | 62 Newark ave., Jersey City         |
| Jennings, F. B.                                                        | S. A. T. C.                 | Johnson, L. R. $\dagger pa$                  | Whittier                            |
| Jennings, F. B., Jr. <i>m</i>                                          | 86 Park ave.                | Johnson, M. A. $\dagger pa$                  | 113 Newbold pl., Kew Gardens, L. I. |
| Jennings, G. E. $\dagger pa$                                           | Whittier                    | Johnson, M. A. $\dagger pa$ Teachers College |                                     |
| Jennings, M. A. $\dagger b$                                            | 44 E. 80                    | Johnson, M. A. B. $\dagger e$                | St. Faith's, 110 and Amsterdam ave. |
| Jennings, M. M. $\dagger e$                                            | Furnald                     | Johnson, M. C. $\dagger pa$                  | Whittier                            |
| Jennings, P. H.                                                        | S. A. T. C.                 | Johnson, M. E. $\dagger pa$                  | 457 W. 123                          |
| Jensen, E. $\dagger e$                                                 | 606 W. 191                  | Johnson, M. E. $\dagger pa$                  | Whittier                            |
| Jensen, E. L. <i>gr</i>                                                | 54 W. 50                    | Johnson, M. G.                               | S. A. T. C.                         |
| Jensen, V. L. $\dagger gr ed$                                          | 133 W. 4                    | Johnson, M. L. $\dagger ed$                  | Greenwich                           |
| Jentz, V. D. $\dagger b$                                               | 92 Sherman pl., Jersey City | Johnson, O. $\dagger pa$                     | Whittier                            |
| Jeremiah, R. A. $\dagger b$                                            | 202 W. 74                   | Johnson, O.                                  | Naval Unit                          |
| Jeremiassen, T. M. $\dagger pa$ Harlem Hosp.                           |                             | Johnson, R. E. $\dagger b$                   | Brooks                              |
| Jermon, D. $\dagger e$                                                 | 211 W. 102                  | Johnson, R. M. $\dagger pa$                  | Murray Hill, N. J.                  |
| Jeschke, H. <i>gr ed</i>                                               | 421 W. 114                  | Johnson, S. <i>e</i>                         | 16 Wall                             |
| Jeschke, N. J. $\dagger gr$                                            | 421 W. 114                  | Johnston, C. D.                              | S. A. T. C.                         |
| Jessup, H. H. $\dagger pa$                                             | 501 W. 120                  | Johnston, F. G.                              | S. A. T. C.                         |
| Jessup, R. $\dagger gr ed$                                             | 501 W. 120                  | Johnston, G. E.                              | S. A. T. C.                         |
| Jetteur, M. <i>gr ed</i> Riverdale Country School, Riverdale-on-Hudson |                             | Johnston, R. R. $\dagger sp$                 | 435 W. 119                          |
| Jewett, F. W. <i>mec</i> 14 Morningside ave.                           |                             | Johnstone, E. $\dagger ed$                   | Grantwood                           |
| Joachim, B.                                                            | S. A. T. C.                 | Jonas, G. E.                                 | S. A. T. C.                         |
| Joachim, H. M. $\dagger pa$                                            | Whittier                    | Jonas, H.                                    | S. A. T. C.                         |
| Joachim, L. H.                                                         | Naval Unit                  | Jones, A. E. $\dagger e$                     | 82 Decker ave., Port Richmond       |
| Job, M. $\dagger gr ed$                                                | 135 E. 52                   | Jones, A. M. $\dagger e$                     | 285 Hicks, Bklyn.                   |
| Joelson, J. J. <i>m</i>                                                | 83 Fair, Paterson           |                                              |                                     |
| Joffe, B. M. <i>e</i>                                                  | 1384 Prospect ave.          |                                              |                                     |
| Joffe, J. <i>e</i>                                                     | 141 Broadway                |                                              |                                     |
| Johann, N. E. $\dagger gr$                                             | 3774 Park ave.              |                                              |                                     |
| Johnson, A. $\dagger pa$                                               | 519 W. 21                   |                                              |                                     |



|                                |                                     |                              |                               |
|--------------------------------|-------------------------------------|------------------------------|-------------------------------|
| Jones, C. † <i>pa</i>          | Whittier                            | Joyce, M. C. † <i>pa</i>     | 44 Seventeenth ave., Paterson |
| Jones, C. H.                   | S. A. T. C.                         | Juan, L. V. <i>e</i>         | 2460 Tiebout ave.             |
| Jones, C. S. † <i>pa</i>       | Whittier                            | Jubien, W. E.                | S. A. T. C.                   |
| Jones, C. V. † <i>e</i>        | Furnald                             | Jud, F. C. † <i>gr</i>       | 119 Franklin, Jersey City     |
| Jones, D. M. † <i>pa</i>       | Whittier                            | Judge, G. M. † <i>gr</i>     | 922 President, Bklyn.         |
| Jones, E. D.                   | S. A. T. C.                         | Judis, B. † <i>e</i>         | 740 Riverside dr.             |
| Jones, E. J. † <i>e</i>        | 108 Virginia ave.                   | Judson, A. I. † <i>b</i>     | Brooks                        |
| Jones, E. M. <i>m</i>          | 437 W. 59                           | Jukofsky, I. I. <i>e</i>     | 609 Blake ave., Bklyn.        |
| Jones, E. W.                   | S. A. T. C.                         | Juncosa, L. <i>e</i>         | 400 W. 118                    |
| Jones, F. R. † <i>pa</i>       | 620 W. 122                          | Junghans, A. L. † <i>pa</i>  | Whittier                      |
| Jones, G. L.                   | Naval Unit                          | Junghaus, H. † <i>e</i>      | 1 W. 92                       |
| Jones, H. B. † <i>b</i>        | 357 W. 121                          | Jurich, T. O.                | S. A. T. C.                   |
| Jones, H. E. † <i>e</i>        | 434 W. 120                          | Juskowitz, L. G.             | Naval Unit                    |
| Jones, J. L. <i>m</i>          | 10 W. 61                            | Justa, R. S.                 | S. A. T. C.                   |
| Jones, L. A. † <i>pa</i>       | Whittier                            | Juster, I. <i>c</i>          | 25 E. 99                      |
| Jones, L. B. I. † <i>gr ed</i> | Furnald                             | Kabak, J. <i>c</i>           | 1533 Minford pl.              |
| Jones, L. L. † <i>ed</i>       | 69 Main, Lodi, N. J.                | Kadison, M. <i>e</i>         | 860 Riverside dr.             |
| Jones, L. L. † <i>b</i>        | 390 West End ave.                   | Kadushin, C. G.              | Naval Unit                    |
| Jones, M. † <i>e</i>           | 363 W. 20                           | Kafka, B. E. † <i>b</i>      | 1337 Madison ave.             |
| Jones, M. A. † <i>e</i>        | 41 W. 74                            | Kahan, I. T. <i>c</i>        | 346 New Jersey ave., Bklyn.   |
| Jones, N. D. † <i>e</i>        | 519 W. 121                          | Kahn, E.                     | S. A. T. C.                   |
| Jones, R. † <i>pa</i>          | 525 Park, Upper Montclair           | Kahn, L. A. <i>c</i>         | 203 W. 107                    |
| Jones, R. R. <i>e</i>          | 434 W. 120                          | Kahn, L. R. † <i>b</i>       | Brooks                        |
| Jones, R. R. † <i>b</i>        | 607 W. 116                          | Kahn, M. † <i>e</i>          | 241 W. 112                    |
| Jones, R. W. † <i>pa</i>       | 510 W. 124                          | Kahn, M. C. <i>gr</i>        | 251 W. 95                     |
| Jones, S. C. † <i>pa</i>       | Whittier                            | Kahn, M. D. † <i>b</i>       | 1100 Fifth ave.               |
| Joralemon, M. H. † <i>e</i>    | 25 Johnson ave., Newark             | Kahn, S. S. <i>e</i>         | 431 Stone ave., Bklyn.        |
| Jordan, A. G. † <i>gr</i>      | 126 W. 102                          | Kalisher, L. <i>e</i>        | 510 W. 177                    |
| Jordan, A. M. <i>gr ed</i>     | 502 W. 122                          | Kamaiky, R. † <i>pa</i>      | 9 W. 120                      |
| Jordan, C. B. † <i>e</i>       | 70 Morningside dr.                  | Kamber, R., Jr.              | Naval Unit                    |
| Jordan, F. B., Jr. <i>e</i>    | 76 W. 86                            | Kamil, M.                    | S. A. T. C.                   |
| Joscelyn, A. E.                | S. A. T. C.                         | Kammerer, C. F.              | S. A. T. C.                   |
| Joseph, C. M. <i>c</i>         | 210 Pennsylvania ave., Bklyn.       | Kammerer, E. J. † <i>b</i>   | 4 Park Circle, White Plains   |
| Joseph, H. <i>me c</i>         | Ocean ave., Rosedale                | Kammerer, M. K. † <i>b</i>   | 526 W. 123                    |
| Joseph, I. <i>e</i>            | 258 Driggs ave., Bklyn.             | Kamsler, B. V. † <i>pa</i>   | 353 W. 118                    |
| Joseph, J. L.                  | Naval Unit                          | Kandel, A. † <i>e</i>        | 1049 Morris ave.              |
| Joseph, L. G. † <i>pa</i>      | 600 W. 116                          | Kandel, C. † <i>e</i>        | 1049 Morris ave.              |
| Joseph, L. H.                  | Naval Unit                          | Kandel, M.                   | S. A. T. C.                   |
| Josephson, C. <i>ph</i>        | 341 Bleecker                        | Kane, A. E. <i>c</i>         | 201 W. 117                    |
| Josephson, D. C.               | Naval Unit                          | Kane, A. S. † <i>e</i>       | 1 W. 49                       |
| Josephson, L. † <i>b</i>       | 2132 Daly ave.                      | Kane, M. E. † <i>e</i>       | 530 Riverside dr.             |
| Josephson, M. H. <i>e</i>      | 1774 Pitkin ave., Bklyn.            | Kane, R. F.                  | Naval Unit                    |
| Joslin, J. E. † <i>ed</i>      | 547 W. 123                          | Kaneko, G. <i>l</i>          | 517 E. 77                     |
| Joslyn, H. E. † <i>e</i>       | 287 S. Lexington ave., White Plains | Kang, S. M. <i>l</i>         | 505 W. 124                    |
| Jospe, L. H. † <i>e</i>        | 132 W. 121                          | Kann, M. † <i>e</i>          | 970 Park ave.                 |
| Joubert, D. B. <i>gr</i>       | 349 W. 121                          | Kanter, A. <i>ph</i>         | 38 Watkins, Bklyn.            |
| Journey, L. H. † <i>pa</i>     | Teachers College                    | Kantor, H. † <i>e</i>        | 846 Manida                    |
| Joyce, E. P. <i>gr ed</i>      | 519 W. 121                          | Kantor, H. G.                | S. A. T. C.                   |
|                                |                                     | Kantrowitz, C. R. † <i>e</i> | 450 West End ave.             |
|                                |                                     | Kanz, C. A., Jr.             | S. A. T. C.                   |
|                                |                                     | Kaplan, B. D. <i>gr</i>      | 1814 Belmont ave.             |

|                              |                          |                              |                           |
|------------------------------|--------------------------|------------------------------|---------------------------|
| Kaplan, D. $\dagger b$       | 1620 Union, Bklyn.       | Kaufmann, M. S. $\dagger b$  | 316 W. 101                |
| Kaplan, E. $\dagger e$       | 853 Macy pl.             | Kavanagh, M. A. $\dagger ed$ | 519 W. 121                |
| Kaplan, G. $e$               | 106 W. 113               | Kawara, M. $gr$              | 633 W. 115                |
| Kaplan, H. $\dagger e$       | 853 Macy pl.             | Kay, D.                      | S. A. T. C.               |
| Kaplan, I. F. $gr$           | 523 E. 13                | Kay, H. $\dagger e$          | 131 W. 56                 |
| Kaplan, J. $gr$              | 856 E. 178               | Kay, H. B. $\dagger pa$      | 520 W. 122                |
| Kaplan, L. $\dagger pa$      | 790 Riverside dr.        | Kay, R. H.                   | S. A. T. C.               |
| Kaplan, L. L. $e$            | 611 Spring, W. Hoboken   | Kayan, C. F.                 | S. A. T. C.               |
| Kaplan, M. $m$               | 628 Powell               | Kayan, F. L. $e$             | 328 E. 30                 |
| Kaplan, M. $m$               | 32 Pike                  | Kaye, S. M. $c$              | 50 W. 77                  |
| Kaplan, N.                   | S. A. T. C.              | Keahre, R. T.                | S. A. T. C.               |
| Kaplan, S. $m$               | 208 W. 47                | Kearney, J. F.               | S. A. T. C.               |
| Kaplowitz, F. $\dagger e$    | 420 W. 121               | Kearney, M. F. $\dagger e$   | Coytesville, N. J.        |
| Kappes, G. L.                | S. A. T. C.              | Kearney, W. P. $e$           | Coytesville, N. J.        |
| Kapps, M. S. $\dagger ed$    | 419 W. 119               | Keating, C. $e$              | 128 W. 74                 |
| Kaps, C. E. $\dagger gr ed$  | 537 W. 123               | Keating, M. A. $\dagger pa$  | Audubon pk. and 158       |
| Karczewska, S. $\dagger e$   | 1254 St. Nicholas ave.   | Keats, G.                    | S. A. T. C.               |
| Karlick, M. $ph$             | 285 Brook ave.           | Keck, H. W. $c$              | 30 N. 26, Flushing        |
| Karn, R. B. $gr$             | Highbridge, N. J.        | Keefe, G. M. $\dagger pa$    | 117 Sherman ave.          |
| Karnow, P. $c$               | 230 Liberty ave., Bklyn. | Keefe, H. H.                 | S. A. T. C.               |
| Karp, J.                     | S. A. T. C.              | Keegan, J. F.                | S. A. T. C.               |
| Karpen, L. $\dagger e$       | 110 Riverside dr.        | Keegan, R. F. $gr$           | 142 E. 29                 |
| Karper, H. $e$               | 238 Lynch, Bklyn.        | Keehn, H. $\dagger b$        | 606 W. 116                |
| Kasai, K. $gr$               | 535 W. 147               | Keeler, L. M. $\dagger e$    | 399 State, Hackensack     |
| Kashdan, A. $ph$             | 31 Canal                 | Keil, M. $\dagger e$         | 234 W. 129                |
| Kashden, S. R.               | Naval Unit               | Keiley, G. M. $\dagger b$    | 213 Clermont ave., Bklyn. |
| Kaslofsky, A. $\dagger b$    | 328 Henry                | Keit, H. S.                  | S. A. T. C.               |
| Kasper, A. $\dagger gr$      | 165 W. 228               | Kelleher, J. J.              | S. A. T. C.               |
| Kassel, M. $m$               | 98 Pulaski, Bklyn.       | Kelleher, J. P.              | S. A. T. C.               |
| Kassenbrock, C. G. $e$       | 19 Wolcott, Bklyn.       | Keller, C. L. $\dagger e$    | 981 Tinton ave.           |
| Kassner, H. C.               | S. A. T. C.              | Keller, C. R. $\dagger e$    | 873 Park ave., Bklyn.     |
| Kassner, P.                  | Naval Unit               | Keller, G. J. $pa$           | 532 W. 114                |
| Katchen, I. J.               | S. A. T. C.              | Keller, M. M. $\dagger e$    | 1097 Forest ave.          |
| Katz, A. $\dagger e$         | 229 E. 72                | Keller, R. E. $e$            | 17 Battery pl.            |
| Katz, A. B.                  | S. A. T. C.              | Kelley, A. W.                | S. A. T. C.               |
| Katz, E. $\dagger e$         | 1647-50th, Bklyn.        | Kelley, B. M. $\dagger e$    | 141-25th, Elmhurst        |
| Katz, F. $e$                 | 232 Division             | Kelley, M. $\dagger ed$      | 75 Henry, Passaic         |
| Katz, F. W.                  | S. A. T. C.              | Kellner, N. L. $\dagger b$   | 2 W. 89                   |
| Katz, H. $ph$                | 234 E. 96                | Kellogg, C. $\dagger e$      | 12 Maple, Bronxville      |
| Katz, H. L. $ph$             | 870 Longwood ave.        | Kellogg, E. C. $\dagger pa$  | 417 W. 118                |
| Katz, M. $e$                 | 37 E. 12                 | Kelly, A. E.                 | S. A. T. C.               |
| Katzen, J.                   | Naval Unit               | Kelly, C. F.                 | Naval Unit                |
| Katzenstein, N. $\dagger pa$ | 315 W. 98                | Kelly, D.                    | Naval Unit                |
| Kau, E. E. $ed$              | 175 Ninth ave.           | Kelly, F. $\dagger e$        | 306 W. 114                |
| Kaufman, L. $ph$             | 81 W. 118                | Kelly, F. C. $\dagger ed$    | Whittier                  |
| Kauffman, H. $gr$            | 84 W. 33, Bayonne        | Kelly, F. R.                 | Naval Unit                |
| Kaufhold, E. M. $\dagger pa$ | Whittier                 | Kelly, F. V.                 | S. A. T. C.               |
| Kaufman, A. $c$              | 444 Stone ave., Bklyn.   | Kelly, G. B. $c$             | 456 E. 179                |
| Kaufman, A. K. $c$           | 133 W. 118               | Kelly, H. R.                 | S. A. T. C.               |
| Kaufman, J. W.               | S. A. T. C.              | Kelly, J. R.                 | S. A. T. C.               |
| Kaufman, R. C. $\dagger pa$  | 600 W. 161               | Kelly, M. A. $\dagger e$     | 357 W. 57                 |
| Kaufman, S. I. $e$           | 18 E. 111                |                              |                           |
| Kaufman, T. $c$              | 509-74th, Bklyn.         |                              |                           |

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|------------------------------|--------------------------------|------------------------------------|----------------------------|
| Kelly, M. J., Jr.            | S. A. T. C.                    | Kerr, F. J. <i>e</i>               | 3915 Broadway              |
| Kelly, M. W. † <i>gr</i>     | 420 W. 118                     | Kerr, F. W.                        | S. A. T. C.                |
| Kelly, T. D. <i>m</i>        | 357 W. 57                      | Kerr, G. M. † <i>b</i>             | 418 W. 118                 |
| Kelly, V. S.                 | Naval Unit                     | Kerr, R. W. E.                     | Naval Unit                 |
| Kelsey, C. B.                | S. A. T. C.                    | Kerr, S. † <i>pa</i>               | 540 W. 122                 |
| Kelty, M. O. <i>e</i>        | 313 W. 74                      | Kerr, Stewart <i>e</i>             | 549 E. 86                  |
| Kemble, E., Jr.              | S. A. T. C.                    | Kerst, W. D.                       | S. A. T. C.                |
| Kemerer, M. U.               | S. A. T. C.                    | Kerwien, M. K. † <i>e</i>          | Cleveland, Englewood       |
| Kemp, E. M. †                | A. S. N.                       | Kessel, E. G. † <i>e</i>           | 88 Central Park, West      |
| Kemp, M. E. † <i>e</i>       | Furnald                        | Kesselovitz, M. <i>gr</i>          | 312 E. 8                   |
| Kemp, W. C. B. <i>gr</i>     | 4 W. 43                        | Kesser, H. <i>e</i>                | Concord, Highwood, N. J.   |
| Kempf, A. M. R. † <i>gr</i>  | 314 Devoe, Bklyn.              | Kessler, C. L.                     | S. A. T. C.                |
| Kempler, B.                  | S. A. T. C.                    | Kessler, D.                        | S. A. T. C.                |
| Kempner, A. H.               | S. A. T. C.                    | Kessler, E. † <i>e</i>             | 880 Blake ave., Bklyn.     |
| Kempner, S. M.               | S. A. T. C.                    | Kessler, E. <i>c</i>               | 620 W. 149                 |
| Kempton, R. A. <i>e</i>      | 53 Cliff ave., Yonkers         | Kessler, R. L. † <i>e</i>          | 545 W. 150                 |
| Kendrick, C. J. † <i>pa</i>  | 17 Elizabeth, Tarrytown        | Kessner, G. <i>e</i>               | 1491 Brook ave.            |
| Kenison, F. <i>e</i>         | 27 W. 82                       | Kestin, I. M.                      | S. A. T. C.                |
| Kennard, E. M. † <i>b</i>    | 40 Benedict ave., Tarrytown    | Ketterlinus, E. † <i>j</i>         | Brooks                     |
| Kenneally, D. J.             | S. A. T. C.                    | Key, C. B. † <i>gr</i>             | 2940 Broadway              |
| Kennedy, A. C. † <i>e</i>    | 305 Riverside dr.              | Keyes, A. M. † <i>gr</i>           | 219 Rutland rd. Bklyn.     |
| Kennedy, D. S.               | S. A. T. C.                    | Keyes, I. F. † <i>pa</i>           | 377 N. Grove E. Orange.    |
| Kennedy, F. A. † <i>ed</i>   | 294 Prospect, Ridgewood, N. J. | Kidd, F. L. † <i>b</i>             | 455 Ft. Washington ave.    |
| Kennedy, J. B.               | S. A. T. C.                    | Kidder, J. H. <i>e</i>             | 211 W. 55                  |
| Kennedy, J. J.               | S. A. T. C.                    | Kidder, M. C. † <i>e</i>           | Furnald                    |
| Kennedy, J. R.               | S. A. T. C.                    | Kiehl, S. J. <i>gr</i>             | 503 W. 122                 |
| Kennedy, M. E. †             | 28 W. 131                      | Kiendl, F.                         | S. A. T. C.                |
| Kennedy, W. H., Jr. <i>e</i> | 340 W. 86                      | Kienninger, J. F.                  | S. A. T. C.                |
| Kennedy, W. H.               | S. A. T. C.                    | Kier, E. R. † <i>e</i>             | 90 Edgecomb ave.           |
| Kennehan, M. † <i>e</i>      | 107 Warburton ave., Yonkers    | Kiesel, P. <i>e</i>                | 629 Tinton ave.            |
| Kenney, M. C. † <i>e</i>     | 1014 Third ave.                | Kiernan, W. T.                     | S. A. T. C.                |
| Kenny, G. B. † <i>e</i>      | 438 W. 116                     | Kiff, I. <i>ph</i>                 | 1742 Fillmore              |
| Kent, A. E. <i>gr ed</i>     | Inwood, L. I.                  | Kikuchi, B. <i>gr</i>              | 149 Broadway               |
| Kent, E. W. † <i>gr ed</i>   | 253-80th, Bklyn.               | Kilburn, H. T. † <i>e</i>          | 537 W. 121                 |
| Kent, G. J.                  | S. A. T. C.                    | Kilinsky, E. A.                    | S. A. T. C.                |
| Kent, J. R. L. † <i>e</i>    | 91 Crown, Corona               | Kilmartin, J. R. <i>e</i>          | 1993 Seventh ave.          |
| Kent, L. † <i>pa</i>         | 419 W. 110                     | Kilpatrick, I. B. † <i>gr</i>      | Whittier                   |
| Kent, M. E. † <i>e</i>       | Furnald                        | Kilpatrick, M. L. † <i>pa</i>      | 106 Morningside dr.        |
| Kentaro, Y. <i>e</i>         | 180 Claremont ave.             | Kimball, F. T. <i>c</i>            | 417 W. 118                 |
| Keppelman, B. <i>ph</i>      | 1848 Prospect, Bklyn.          | Kimball, L. E. † <i>gr</i>         | 15 Claremont ave.          |
| Kepple, L. F. <i>e</i>       | 216 William                    | Kimball, M. A. <i>e</i>            | 19 W. 44                   |
| Kerdasha, G. L. <i>m</i>     | 546 Park ave., Weehawken       | Kimmel, M. † <i>e</i>              | Furnald                    |
| Kerekes, F. <i>mec</i>       | 330 E. 77                      | Kimmey, E. M. † <i>e</i>           | 66 E. 88                   |
| Kerfoot, H. T.               | S. A. T. C.                    | Kimura, T. <i>gr</i>               | 768 West End ave.          |
| Kerkow, P. † <i>b</i>        | 610 W. 114                     | Kincaid, J. C. <i>e</i>            | Mamaroneck                 |
| Kern, G. W.                  | Naval Unit                     | Kindleberger, P. G. C. B. <i>c</i> | 438 W. 116                 |
| Kerr, B. E. † <i>e</i>       | 41 W. 82                       | Kindred, G. C.                     | S. A. T. C.                |
|                              |                                | King, B. H.                        | S. A. T. C.                |
|                              |                                | King, C. R. † <i>e</i>             | 11 Bellaire dr., Montclair |
|                              |                                | King, E. G. E. † <i>ed</i>         | 340 State, Hackensack      |
|                              |                                | King, G. <i>m</i>                  | 64 W. 51                   |
|                              |                                | King, G. T. † <i>e</i>             | 42 E. 78                   |

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| King, H. S. <i>e</i>           | 60 W. 129                 | Klein, C. A. <i>e</i>        | 1 Wall                       |
| King, L. H. <i>gr ed</i>       | 507 W. 121                | Klein, F. † <i>e</i>         | 1533 Bryant ave.             |
| King, M. † <i>pa</i>           | Whittier                  | Klein, F. V. † <i>e</i>      | 27 Barrow                    |
| King, S. E. <i>c</i>           | 818 E. 163                | Klein, H. N.                 | S. A. T. C.                  |
| King, W. <i>l</i>              | 419 W. 115                | Klein, L. <i>gr</i>          | 137 W. 119                   |
| King, Z. M. † <i>e</i>         | 529 W. 111                | Klein, O. D.                 | S. A. T. C.                  |
| Kingen, J. J.                  | S. A. T. C.               | Klein, S. <i>m</i>           | 887 Forest ave.              |
| Kingsland, G. L.               | S. A. T. C.               | Kleiner, R. † <i>e</i>       | Whittier                     |
| Kingsland, G. S. † <i>gr</i>   | 511 W. 112                | Kleinfeld, E. S. † <i>ph</i> | 166-3rd, Troy                |
| Kingsland, W. J., Jr. <i>e</i> | 12 Fifth ave.             | Kleinfeld, L. <i>m</i>       | 25 E. 99                     |
| Kingsley, R. S. † <i>b</i>     | 606 W. 116                | Klernes, I. S. <i>m</i>      | 831 Hunt's Point ave.        |
| Kinnear, G. H.                 | S. A. T. C.               | Klepper, L. H. † <i>e</i>    | 2 W. 120                     |
| Kinzel, A. B.                  | S. A. T. C.               | Klepper, R. M. † <i>pa</i>   | 106 Morningside dr.          |
| Kirby, J. H.                   | S. A. T. C.               | Kley, F. <i>c</i>            | 173 Warren, Bklyn.           |
| Kirby, S. S. † <i>ed</i>       | Whittier                  | Kliatshco, A. G. † <i>pa</i> | 232 Henry                    |
| Kirchberger, O. F. † <i>e</i>  | 1125 Madison ave.         | Kliatshco, M. G. <i>c</i>    | 232 Henry                    |
| Kirschenbaum, A.               | S. A. T. C.               | Kline, S. A. † <i>ed</i>     | Whittier                     |
| Kirschenbaum, A. E.            | S. A. T. C.               | Kling, D. C. † <i>gr ed</i>  | 480 McDonough, Bklyn.        |
| Kirschenbaum, F. † <i>e</i>    | 1923-86th, Bklyn.         | Kling, S. <i>e</i>           | 247 Audubon ave.             |
| Kirschenmann, J. J.            | S. A. T. C.               | Klingenstein, H. † <i>e</i>  | 136 E. 79                    |
| Kircher, K. A. † <i>e</i>      | 567 W. 191                | Klingenstein, P. <i>m</i>    | 102 E. 79                    |
| Kircher, R. E. † <i>e</i>      | 567 W. 191                | Klingenstein, P. A.          | S. A. T. C.                  |
| Kirkley, J. A. <i>ed</i>       | 501 W. 123                | Klopfer, D. <i>c</i>         | 300 West End ave.            |
| Kirsch, J. I. <i>ph</i>        | 56 E. 120                 | Klopman, U. † <i>b</i>       | 605 W. 151                   |
| Kirschke, A. E. <i>e</i>       | 527 W. 124                | Kluge, W. G.                 | S. A. T. C.                  |
| Kirschner, A. E. <i>e</i>      | 2014 Bryant ave.          | Knabenhoff, R. † <i>e</i>    | 292 Pulaski, Bklyn.          |
| Kirschner, B.                  | S. A. T. C.               | Knapp, A. P.                 | S. A. T. C.                  |
| Kirsh, B. S.                   | S. A. T. C.               | Knapp, C. H. † <i>a</i>      | 421 W. 121                   |
| Kish, C. B. † <i>ph</i>        | Whittier                  | Knapp, C. S. <i>m</i>        | 346 W. 57                    |
| Kish, E. L. † <i>ph</i>        | Whittier                  | Knapp, M. B. † <i>e</i>      | 618 W. 114                   |
| Kishi, I. <i>gr</i>            |                           | Knauer, W. J. <i>m</i>       | 318 W. 57                    |
| Kshitaka, T. <i>ed</i>         | 633 W. 115                | Knebel, L. McB.              | S. A. T. C.                  |
| Kislak, H.                     | S. A. T. C.               | Knecht, F. M. † <i>e</i>     | 200 W. 110                   |
| Kislak, S. <i>c</i>            | 1773 Sterling pl., Bklyn. | Kneeland, H. † <i>gr</i>     | Furnald                      |
| Kistler, M. L. † <i>pa</i>     | Whittier                  | Kneeland, V. † <i>m</i>      | 117 E. 60                    |
| Kitay, S. † <i>b</i>           | 115 E. 95                 | Kneiper, R. H. † <i>b</i>    | 242 W. 109                   |
| Kittel, A. D. † <i>e</i>       | 230 W. 101                | Knickerbocker, J. H.         | S. A. T. C.                  |
| Kittenplan, F. † <i>e</i>      | 780 West End ave.         | Knight, E. E. † <i>gr ed</i> | Whittier                     |
| Kittenplan, R.                 | Naval Unit                | Knight, K. M. † <i>ed</i>    | 135 E. 52                    |
| Kittredge, W. B. † <i>ed</i>   | 557 W. 174                | Knight, M. B. † <i>pa</i>    | 519 W. 121                   |
| Kitzinger, A. R. C.            | S. A. T. C.               | Knight, M. G. † <i>gr ed</i> | 182 Christie Heights, Leonia |
| Klaas, H. F. † <i>pa</i>       | Whittier                  | Knight, P. A.                | S. A. T. C.                  |
| Klaer, A. † <i>pa</i>          | 268 Park, Hackensack      | Knighton, M. † <i>pa</i>     | 207 W. 107                   |
| Klaer, B. † <i>pa</i>          | 521 W. 122                | Knodel, R. E.                | S. A. T. C.                  |
| Klapper, W.                    | S. A. T. C.               | Knopfmacher, M. I. <i>e</i>  | 491 E. 140                   |
| Klar, M. P.                    | S. A. T. C.               | Knox, I. V. † <i>pa</i>      | Whittier                     |
| Klar, S. † <i>e</i>            | 1164-47th, Bklyn          | Knox, J. P.                  | S. A. T. C.                  |
| Klath, T. O.                   | S. A. T. C.               | Knox, R. K. <i>c</i>         | 422 E. 144                   |
| Klatsky, M. M. <i>e</i>        | 60 Second ave.            | Kobayashi, M. <i>e</i>       | 53 W. 23                     |
| Klebs, S. M. † <i>e</i>        | 490 West End ave.         | Koch, A. T.                  | S. A. T. C.                  |
| Klein, A. A.                   | S. A. T. C.               | Koch, D. † <i>gr ed</i>      | Whittier                     |
| Klein, A. P. <i>e</i>          | 4 W. 92                   |                              |                              |
| Klein, B. <i>e</i>             | 325 Crimmins ave.         |                              |                              |



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|-----------------------------|----------------------------|--------------------------------|-----------------------------|
| Koch, E. E. † <i>b</i>      | 229 Fifth ave., Bklyn.     | Kosower, T. † <i>pa</i>        | 137 Penn, Bklyn.            |
| Kochey, L. G. <i>e</i>      | 178 James, Hackensack      | Kossman, E. A. † <i>b</i>      | 220 Cathedral pkway.        |
| Kodet, R. <i>ph</i>         | 404 E. 71                  | Kostelianetz, I. <i>e</i>      | 264 W. 113                  |
| Koe, S. <i>e</i>            | 253 W. 72                  | Koster, L. M. † <i>b</i>       | 6 W. 66                     |
| Koehler, A. W. † <i>e</i>   | 52 Palisade rd., Elizabeth | Kotek, F. <i>e</i>             | 132 E. 85                   |
| Koehler, R. † <i>b</i>      | 815 W. 180                 | Kotinsky, M. † <i>e</i>        | 911 Prospect ave.           |
| Koehler, R. P.              | Naval Unit                 | Kotler, J. S. <i>e</i>         | 5 Willett                   |
| Koelbel, J. G.              | S. A. T. C.                | Koues, R. W. † <i>ed</i>       | 70 E. 77                    |
| Koenig, G. L. <i>e</i>      | 8 W. 181                   | Kowolsky, J. J.                | S. A. T. C.                 |
| Koenig, H. † <i>gr</i>      | 455 E. 7, Bklyn.           | Kozak, H. <i>e</i>             | 248 S. 3, Bklyn.            |
| Koenig, L.                  | S. A. T. C.                | Kraft, K. M. † <i>b</i>        | Furnald                     |
| Koeppicus, H.               | S. A. T. C.                | Kraft, R. L.                   | S. A. T. C.                 |
| Koerner, S. † <i>b</i>      | 601 W. 137                 | Krakowski, H. † <i>e</i>       | 1665 Washington ave.        |
| Koester, R. A. † <i>gr</i>  | 423 W. 120                 | Kramer, E. K. † <i>e</i>       | 255 E. Tremont ave.         |
| Kogut, F. L. † <i>e</i>     | 27 Powell, Bklyn.          | Kramer, H. G.                  | S. A. T. C.                 |
| Kohen, W.                   | Naval Unit                 | Kramer, L. H.                  | S. A. T. C.                 |
| Kohn, E. † <i>b</i>         | 107 W. 120                 | Kramer, M. <i>e</i>            | 18 E. 106                   |
| Kohn, H. R.                 | S. A. T. C.                | Kramer, S. D. <i>m</i>         | 437 W. 59                   |
| Kohn, M. † <i>e</i>         | 1155 Park ave.             | Kranz, G. E. † <i>gr</i>       | 84-1st                      |
| Kohn, M. G. † <i>pa</i>     | 220 Wadsworth ave.         | Krasner, A. A.                 | S. A. T. C.                 |
| Kohn, R. I. <i>m</i>        | 255 W. 84                  | Kraus, B. † <i>b</i>           | 2345 Broadway               |
| Kohnstamm, D. † <i>b</i>    | 611 W. 114                 | Kraus, J. L., Jr.              | S. A. T. C.                 |
| Kohnstamm, M. E. † <i>b</i> | 611 W. 114                 | Krause, D. J. † <i>m</i>       | 522 W. 112                  |
| Koleroff, B. T. <i>e</i>    | 3120 Broadway              | Krause, L. F. † <i>pa</i>      | 420 W. 116                  |
| Koller, W. F.               | S. A. T. C.                | Krause, W. W. †                | A. S. N.                    |
| Kolodny, J. <i>e</i>        | 228 E. 50                  | Krauss, J. F.                  | S. A. T. C.                 |
| Kompass, F. O. <i>e</i>     | 273 E. 176                 | Kraut, J.                      | Naval Unit                  |
| Kondo, F. N. <i>gr</i>      | 102 W. 123                 | Krauter, E. B. † <i>pa</i>     | 16 Appleton rd., Glen Ridge |
| Kondo, J. <i>e</i>          | 400 W. 118                 | Krech, B. A.                   | Naval Unit                  |
| Konerman, H. V. † <i>e</i>  | 468 W. 158                 | Krechewsky, J. <i>ph</i>       | 484 Grand                   |
| Kong, R. E. † <i>gr ed</i>  | 541 W. 123                 | Kreeger, H. L.                 | Naval Unit                  |
| Konovitz, L. M. † <i>b</i>  | 749 Jennings               | Kreis, M. M.                   | Naval Unit                  |
| Konowitz, M.                | S. A. T. C.                | Krempovsky, T. V. <i>gr</i>    | 501 W. 113                  |
| Konta, G. <i>e</i>          | 120 Broadway               | Kresel, E. G. † <i>e</i>       | 225 W. 86                   |
| Kontax, P. N. <i>e</i>      | 251 E. 31                  | Kreutzer, L. G.                | S. A. T. C.                 |
| Kooy, C. <i>e</i>           | 165 Broadway               | Kreykenbohm, C. † <i>gr ed</i> | 515 W. 122                  |
| Kopald, S. N. † <i>b</i>    | 629 Gates ave., Bklyn.     | Kreykenbohm, D. † <i>gr</i>    | 515 W. 122                  |
| Kopciowsky, O. † <i>e</i>   | 132 W. 121                 | Krieter, H. R. <i>e</i>        | 120 Broadway                |
| Koplik, D. M. <i>c</i>      | 104 W. 70                  | Kruger, E. I. <i>e</i>         | 112 Neptune ave., Bklyn.    |
| Koplik, J. S. <i>e</i>      | 102 W. 70                  | Krigsman, H. E. † <i>b</i>     | 272 W. 90                   |
| Koplin, I. † <i>ph</i>      | 66 E. 111                  | Krimsky, E. <i>m</i>           | 1263-49th, Bklyn.           |
| Kopp, M.                    | Naval Unit                 | Krinkin, C. † <i>e</i>         | 220 E. 12                   |
| Kopper, H. <i>c</i>         | 121 Palisade ave., Yonkers | Kroeck, K.                     | S. A. T. C.                 |
| Koral, I. <i>c</i>          | 161 Vernon ave., Bklyn.    | Kroll, H. <i>e</i>             | 168 Hart, Bklyn.            |
| Korman, D. A. <i>e</i>      | 865 E. 172                 | Kromer, A. <i>e</i>            | 1159 Mary, Elizabeth        |
| Korn, H. † <i>pa</i>        | 411 West End ave.          | Kroopf, M. <i>c</i>            | 121 W. 114                  |
| Korn, H. R. <i>c</i>        | 1857 Madison ave.          | Krueger, N. H. R. † <i>pa</i>  | 565 W. 192                  |
| Korn, S. C. † <i>e</i>      | 411 West End ave.          | Kruger, A. W. <i>e</i>         | 501 W. 174                  |
| Kornfeld, M. G. † <i>b</i>  | 114 E. 71                  | Kruger, M. H.                  | Naval Unit                  |
| Kornzweig, A. L.            | S. A. T. C.                | Krukein, I.                    | S. A. T. C.                 |
| Koslin, I. I. <i>e</i>      | 61 Delancey                | Krulewitsch, D. W.             | S. A. T. C.                 |
| Kosower, A. † <i>e</i>      | 137 Penn, Bklyn.           | Kubischta, F. C. <i>e</i>      | 773 Elsmere pl.             |

|                               |                                 |                                |                            |
|-------------------------------|---------------------------------|--------------------------------|----------------------------|
| Kuck, F. W.                   | S. A. T. C.                     | Lahiff, A. T. † <i>b</i>       | 201 W. 106                 |
| Kuebler, E. M. † <i>pa</i>    | 2032 Fifth ave.                 | Lahiff, E. G. † <i>pa</i>      | 201 W. 106                 |
| Kuederly, J. † <i>e</i>       | 284 Bergen ave., Jersey City    | Lahiff, N. C. † <i>b</i>       | 201 W. 106                 |
| Kuh, D. O.                    | S. A. T. C.                     | Laird, C. N. <i>gr</i>         | 106-10th, Garden City      |
| Kuh, E. P. † <i>e</i>         | 587 Riverside dr.               | Laitin, M. † <i>e</i>          | 157 W. 123                 |
| Kuhlman, H. F.                | Naval Unit                      | Lake, J. R. † <i>pa</i>        | 118 W. 57                  |
| Kuhn, A. † <i>e</i>           | 3100 Broadway                   | Lake, M. L. † <i>pa</i>        | Whittier                   |
| Kuhn, B. E. <i>c</i>          |                                 | Lake, T. O. <i>m</i>           | Kings Co. hosp., Bklyn.    |
| Kuhnle, H. V. † <i>e</i>      | 644 Riverside dr.               | Lakin, L. C.                   | S. A. T. C.                |
| Kuhns, D. H. † <i>e</i>       | 240 W. 72                       | Lalor, J. L. <i>e</i>          | 22 Post ave.               |
| Kuklin, N.                    | Naval Unit                      | Lamb, M. R. † <i>e</i>         | 889 St. Nicholas ave.      |
| Kullmann, K. W. <i>gr</i>     | 430 W. 118                      | Lambert, C. † <i>b</i>         |                            |
| Kummerle, K. † <i>e</i>       | 91 Vernon ave., Mt. Vernon      |                                | 225 Rich ave., Mt. Vernon  |
| Kunder, J. † <i>e</i>         | 541 Richmond ave., Pt. Richmond | Lambert, J. <i>e</i>           | 601 Stone ave., Bklyn.     |
| Kunstler, L. S.               | S. A. T. C.                     | Lambert, J. R.                 | S. A. T. C.                |
| Kuo, Y. K. <i>l</i>           | 505 W. 124                      | Lambert, L. E.                 | S. A. T. C.                |
| Kupfer, E. C. † <i>e</i>      | 448 Harmon, Bklyn.              | La Mer, J. S.                  | S. A. T. C.                |
| Kupferburg, A. E. † <i>e</i>  | 389 Bainbridge                  | Lamme, A. J., Jr.              | S. A. T. C.                |
| Kurkjian, A. † <i>pa</i>      | 609 W. 137                      | Lamson, R. † <i>pa</i>         | 435 W. 119                 |
| Kurkjian, A. S. † <i>e</i>    | 609 W. 137                      | Lance, L. H.                   | S. A. T. C.                |
| Kurz, G. A. <i>e</i>          | 55 Wall                         | Land, T. E. † <i>e</i>         | 682 Walker ave., Woodhaven |
| Kurzrok, R. <i>m</i>          | 1520 Union, Bklyn.              | Landau, H. <i>c</i>            | 166 W. 120                 |
| Kusanke, M. E. † <i>e</i>     | 897 E. 176                      | Landauer, H. J.                | S. A. T. C.                |
| Kushinsky, M. <i>ph</i>       | 425 So. 5, Bklyn.               | Landauer, T. P. † <i>b</i>     | Brooks                     |
| Kuss, H. J. <i>ph</i>         | 513 E. 75                       | Landeau, L. A.                 | S. A. T. C.                |
| Kuzuhara, I. <i>gr</i>        | 39 Claremont ave.               | Landerholm, A. E. <i>gr ed</i> | 318 W. 57                  |
| Kwai, S. <i>mec</i>           | 419 W. 115                      | Landesberg, J.                 | S. A. T. C.                |
| Kwank, I. M. <i>bu</i>        | 430 W. 118                      | Landis, M. † <i>m</i>          | 437 W. 59                  |
| Kydd, M. M. † <i>b</i>        | 405 W. 118                      | Landisman, D. <i>ph</i>        | 1551 Hoe ave.              |
| Kysor, D. † <i>gr</i>         | 136 E. 22                       | Landon, J. F. <i>m</i>         | 908 West End ave.          |
| La Bonne, V. H.               | S. A. T. C.                     | Landon, M. L. † <i>gr</i>      | Furnald                    |
| Labovitz, N. <i>m</i>         | 540 W. 122                      | Landwehr, D. M. † <i>e</i>     | Babylon, L. I.             |
| LaBoyteaux, E. F. † <i>b</i>  | 320 Park ave.                   | Lane, A. S.                    | Naval Unit                 |
| Lacey, A. <i>gr</i>           | 21 W. 93                        | Lane, F. C. † <i>ph</i>        | Great Neck, L. I.          |
| Lacey, O. V. † <i>e</i>       | 214 E. 51                       | Lane, M. L. † <i>b</i>         | 276 W. 86                  |
| Lachmund, E. D. † <i>e</i>    | Tappan, N. Y.                   | Lane, S. K. † <i>e</i>         | 42 E. 11                   |
| Lack, G. † <i>e</i>           | 600 Lexington ave.              | Lang, C. † <i>e</i>            | 1710 Hoe ave.              |
| La Colla, P.                  | S. A. T. C.                     | Lang, G.                       | S. A. T. C.                |
| Lacruz, B. <i>e</i>           | 50 W. 82                        | Lang, J.                       | Naval Unit                 |
| Lacy, J. V. <i>gr ed</i>      | Union Theo. Seminary            | Langdon, A. K. † <i>e</i>      | 344 W. 84                  |
| Lacy, M. E. † <i>e</i>        | 527 W. 121                      | Lange, C. H.                   | Naval Unit                 |
| Lacy, T. St. J.               | S. A. T. C.                     | Lange, H. C. † <i>pa</i>       | 106 Morningside dr.        |
| Ladin, P. M.                  | S. A. T. C.                     | Lange, K. <i>gr</i>            | Dumont, N. J.              |
| Ladue, J. R.                  | S. A. T. C.                     | Lange, O. S. † <i>pa</i>       | 304 E. 20                  |
| LaFountain, M. A. † <i>gr</i> | 17 Riggs pl., S. Orange         | Lange, W. H.                   | S. A. T. C.                |
| Lagos, A. <i>gr</i>           | 526 E. 83                       | Langeloh, E. J.                | S. A. T. C.                |
| Laguardia, A. <i>c</i>        | 74 E. 116                       | Langen, W. J. <i>ph</i>        | 966 Boston rd.             |
| Laguardia, H.                 | S. A. T. C.                     | Langer, J. † <i>e</i>          | 278 Berriman, Bklyn.       |
| Laguardia, J. B.              | S. A. T. C.                     | Langer, J. J. M.               | S. A. T. C.                |
|                               |                                 | Langer, R. E. <i>e</i>         | 265 W. 123                 |
|                               |                                 | Langley, E. E. † <i>gr ed</i>  | 420 W. 116                 |
|                               |                                 | Langner, H. M. † <i>gr ed</i>  | Furnald                    |

|                                 |                             |                               |                                     |
|---------------------------------|-----------------------------|-------------------------------|-------------------------------------|
| Langston, L. H. <i>bu</i>       |                             | Lazarus, R. † <i>e</i>        | 227 Audubon ave.                    |
| Emerson High School, W. Hoboken |                             | Lazarus, R. H. † <i>e</i>     | 227 Audubon ave.                    |
| Lanza, Frank <i>ph</i>          | 52 King                     | Lazarus, S. † <i>e</i>        | 1007 Southern blvd.                 |
| Lapinsky, S. A.                 | S. A. T. C.                 | Lea, G. † <i>e</i>            | 418 W. 118                          |
| Laplaca, L. † <i>ph</i>         | 20 Monroe                   | Leahy, J. <i>e</i>            | 536 E. 79                           |
| LaPointe, L. † <i>pa</i>        | Whittier                    | Leal, M. † <i>ed</i>          | 105 E. 22                           |
| Laporte, M. A. † <i>b</i>       | 129 E. 91                   | Lear-Guimes, M. B. † <i>e</i> | 365 W. 117                          |
| Larche, M. A. † <i>pa</i>       | Whittier                    | Leard, H. P. † <i>gr</i>      | 528 Park pl., Bridgeport, Conn.     |
| Largeman, F. H. <i>ph</i>       | 151 Navy, Bklyn.            | Leary, D. B. <i>gr ed</i>     | 90 Morningside dr.                  |
| Larios, M. <i>m</i>             | 125 W. 74                   | Lease, R. E. <i>m</i>         | 889 St. Nicholas ave.               |
| Larock, G. J. † <i>e</i>        | 945 St. Nicholas ave.       | Leavenworth, I. † <i>gr</i>   | 114 E. 84                           |
| Larralde, F. <i>pa</i>          | 115 W. 88                   | Leavitt, C. S. <i>c</i>       | 143 Herkimer, Bklyn.                |
| Larrick, H. B. † <i>pa</i>      | Whittier                    | Leavitt, G. I.                | S. A. T. C.                         |
| Larry, B. E. † <i>ed</i>        | Whittier                    | Leavitt, O. W. <i>e</i>       | 412 W. 115                          |
| Larson, H. G.                   | Naval Unit                  | Leavitt, P. B.                | Naval Unit                          |
| LaSala, J. <i>e</i>             | 2459 Cambrelling ave.       | Leavy, L. † <i>e</i>          | 1782 Eastern ave.                   |
| Lascoff, F. D.                  | S. A. T. C.                 | LeBel, L. J. B. <i>m</i>      | 131 Walnut, Nutley                  |
| Lasher, A. C. <i>e</i>          | 206 Christopher ave. Bklyn. | Lebenthal, L. S.              | Naval Unit                          |
| Laskey, A. B.                   | S. A. T. C.                 | Lebworth, M. K. <i>e</i>      | 667 E. 164                          |
| Laski, L. <i>e</i>              | 160 Broadway                | Lecher, W. O.                 | S. A. T. C.                         |
| Lassen, A. R.                   | S. A. T. C.                 | Lecklider, B. † <i>e</i>      | 501 W. 121                          |
| Lasser, S.                      | S. A. T. C.                 | LeClercq, A. † <i>e</i>       | Whittier                            |
| Lasser, M. † <i>pa</i>          | 224 Clinton, Bklyn.         | Lederer, H. E. † <i>e</i>     | 171 Morningside ave.                |
| Lathrop, A. S. <i>m</i>         | 558 W. 113                  | Leding, A. M. † <i>b</i>      | 59 Union, Ridgewood                 |
| Latimer, L. E. † <i>gr ed</i>   | Whittier                    | Lee, B. <i>c</i>              | 923 Columbus ave.                   |
| Laubgross, V. F. H.             | S. A. T. C.                 | Lee, E. G. † <i>pa</i>        | 414 W. 121                          |
| Laufer, F. V. † <i>ed</i>       | 30 Elizabeth, Paterson      | Lee, E. L.                    | S. A. T. C.                         |
| Lauler, J. L.                   | S. A. T. C.                 | Lee, L. <i>ph</i>             | 528 W. 123                          |
| Laurent, A. M. † <i>gr</i>      | 115 Washington pl.          | Lee L. C. † <i>b</i>          | 607 W. 116                          |
| Lautman, S. <i>c</i>            | 2815 Boulevard, Jersey City | Lee, L. R. † <i>e</i>         | 551 West End ave.                   |
| Lautner, E. L. † <i>e</i>       | 165 Broadway                | Lee, Y. C. <i>c</i>           | 609 W. 115                          |
| Lautz, A. E. † <i>pa</i>        | Whittier                    | Leede, H. E. H. <i>m</i>      | 201 Daniel Low terr., Tompkinsville |
| Lavers, H. M. <i>e</i>          | 145 Vermilyea Ave.          | Leedom, M. H. † <i>pa</i>     | 418 W. 118                          |
| Lawentman, I. <i>ph</i>         | 342 E. 8                    | Leeds, E. M. † <i>gr</i>      | 41 W. 83                            |
| Lawlor, C. E. † <i>ed</i>       | 506 W. 57                   | Leeds, M. V. † <i>e</i>       | 669 Palisade ave., Yonkers          |
| Lawrence, C. H.                 | S. A. T. C.                 | Leerburger, A. B. <i>gr</i>   | 320 Central Pk. W.                  |
| Lawrence, E. W.                 | S. A. T. C.                 | Leerburger, B. † <i>e</i>     | 601 W. 110                          |
| Lawrence, F. W.                 | S. A. T. C.                 | Leerburger, B. A.             | S. A. T. C.                         |
| Lawrence, G. J. Jr.             | S. A. T. C.                 | Leers, F. A. <i>c</i>         | 146 Larch ave., Bogota, N. J.       |
| Lawrence, M. S. † <i>pa</i>     | Whittier                    | Leeuwen, A.                   | S. A. T. C.                         |
| Laws, M. B. † <i>ed</i>         | 324 W. 103                  | LeFevre, W. F.                | Naval Unit                          |
| Lawson, A.                      | S. A. T. C.                 | Lefferts, M. T. † <i>e</i>    | 440 Riverside dr.                   |
| Lawton, G. R. <i>e</i>          | 218 W. 112                  | Leffler, L. <i>e</i>          | 957 Hoe ave.                        |
| Lawton, S. U. <i>m</i>          | 437 W. 59                   | Lefkowitz, G. <i>ph</i>       | 34 Lawrence ave., Lawrence, L. I.   |
| Lawyer, F. S. † <i>gr ed</i>    | 30 Odell ave., Yonkers      | Lefkowitz, L. <i>c</i>        | 951 Manhattan ave., Bklyn.          |
| Lay, D. † <i>e</i>              | 510 W. 113                  | Legrand, A. † <i>b</i>        | Brooks                              |
| Lay, E. † <i>e</i>              | Whittier                    | Lehman, B. † <i>e</i>         | 301 St. Nicholas ave.               |
| Lazar, R. J. † <i>b</i>         | 724 Beck                    |                               |                                     |
| Lazareus, H. B. † <i>e</i>      | 1976 Belmont ave.           |                               |                                     |
| Lazarus, F. <i>e</i>            | 467 W. 140                  |                               |                                     |

- Lehman, E. H. *gr ed* 216 W. 100  
 Lehman, M. B. S. A. T. C.  
 Lehman, N. *ph* 863 Macy pl.  
 Lehman, S. *mec* 430 W. 118  
 Lehmann, M. E. *† b* 600 W. 116  
 Lehmänn, M. M. *† gr* 416 W. 122  
 Lehnerts, E. M. *gr* 430 W. 118  
 Lehr, R. A. *e*  
     5323 Hudson blvd., W. New York, N. J.  
 Lehrer, D. *e* 2027 Bathgate ave.  
 Lehrhaupt, N. *ph* 3968 Third ave.  
 Leibel, E. S. S. A. T. C.  
 Leichliter, C. S. *† pa* Whittier  
 Leifer, N. *e* 30 Ave. B  
 Leifer, S. *ph* 68 Middleton, Bklyn.  
 Leigh, F. B. *† gr ed* 135 E. 52  
 Leigh, M. W. *† ed*  
     Alger Court, W. Bronxville  
 Leigh, R. *† e* 370 Convent ave.  
 Leighton, F. H. *† pa* 514 W. 122  
 Lein, R. *† ph* 372 Ogden ave., Jersey City  
 Lemcke, F. D. *† b* 14 Van Nest pl.  
 Lemcke, G. R. S. A. T. C.  
 Lemelson, J. *m* 666 Bay, Stapleton  
 Lemelson, L. S. A. T. C.  
 Lennon, F. A. S. A. T. C.  
 Lennon, L. E. *† e* 615 W. 143  
 Lent, M. E. *† e*  
     199 N. Broadway, Yonkers  
 Lentz, M. J. S. A. T. C.  
 Lenz, A. M. *† e* 59 Deane, Englewood  
 Leo, R. W. *† pa* 142 E. 18  
 Leo, S. *e* 2101 Harrison ave.  
 Leo, S. T. *gr* 425 W. 118  
 Leof, M. *† b* 501 W. 121  
 Leon, R. *† gr* 380 Sterling pl., Bklyn.  
 Leonard, C. A. *† pa* Whittier  
 Leonard, M. *† e* 611 W. 127  
 Leonard, M. H. *† pa* Whittier  
 Leonard, R. R. S. A. T. C.  
 Leonard, S. A. *gr*  
     12 Landscape ave., Yonkers  
 Leonards, R. A. *m* 333 W. 58  
 Leong, K. G. *gr* 526 W. 123  
 Lepofsky, S. *e* 639 Watkins, Bklyn.  
 Lepperd, J. W. *gr ed*  
     Atlantic Highlands, N. J.  
 Lerner, G. *† b* 936 Kelly  
 Lerner, G. R. *† e* 335 Crimmins ave.  
 Lerner, H. *† gr ed* 21 E. 108  
 Lerner, J. *l* 1501 Bryant ave.  
 Lerner, S. C. *† e* 823 Fox  
 Lesley, G. H. *e* 116 W. 77  
 Leslie, A. J. *† b* 503 W. 121  
 Leslie, F. N. *† e* 1360 Ogden ave.  
 Lessauer, I. C. *† e* 1291 Lexington ave.  
 Lesser, J. *† b* 795 St. Nicholas ave.  
 Lester, C. T. *l* 335 W. 84  
 Lester, H. J. *† pa* 106 Morningside dr.  
 Lester, L. Naval Unit  
 Letson, E. R. *† gr ed* Stelton, N. J.  
 Leuchs, F. A. H. *gr* 600 E. 164  
 Leung, C. W. *e* 419 W. 118  
 LeValley, V. R. *l*  
     213 Rockwell ave., Long Branch  
 Levander, F. *e* 5 E. 104  
 Levenson, S. J. *e* 550 W. 180  
 Leventhal, J. S. A. T. C.  
 Levering, C. B. S. A. T. C.  
 Levey, I. L. *l* 557 W. 124  
 Levi, A. E. *e* 609 W. 127  
 Levi, D. *† ph* 115 W. 68  
 Levi, G. S. S. A. T. C.  
 Levi, M. B. S. A. T. C.  
 Levi, M. E. *† b* 18 W. 88  
 Levie, M. J. *l* 409 Edgecomb ave.  
 Levin, A. S. A. T. C.  
 Levin, A. S. A. T. C.  
 Levin, A. S. A. T. C.  
 Levin, D. S. S. A. T. C.  
 Levin, H. *m* 41 Main, Yonkers  
 Levine, A. *† ph* 178 Osborne, Bklyn.  
 Levine, B. A. *e*  
     1575 Eastern pkwy., Bklyn.  
 Levine, D. *e* 480 Barbey, Bklyn.  
 Levine, G. S. A. T. C.  
 Levine, H. S. *e* 102 Third ave.  
 Levine, L. Naval Unit  
 Levine, L. H. *m* 203 W. 148  
 Levine, M. S. A. T. C.  
 Levine, N. *ph* 126 Oak, New Haven, Conn.  
 Levine, N. J. *e* 347 Sackman  
 Le Vino, R. *† b* 519 W. 143  
 Levinsky, A. *m* 20 E. 113  
 Levinson, I. *† e* 683 West End ave.  
 Levinson, W. B. *e* 225 E. 79  
 Levitas, A. *e* 119 E. 101  
 Levites, M. Naval Unit  
 Levitt, A. S. A. T. C.  
 Levitz, O. S. *e*  
     8699 Twenty-second ave., Bklyn.  
 Levy, A. *e* 206 W. 112  
 Levy, C. *† gr ed*  
     163 Fairmont ave., Newark  
 Levy, C. *e* 220 Beverly rd., Bklyn.  
 Levy, D. *† e* 403 W. 115



|                             |                             |                                   |                        |
|-----------------------------|-----------------------------|-----------------------------------|------------------------|
| Levy, E.                    | S. A. T. C.                 | Lewton, L. O. † b                 | 1 W. 67                |
| Levy, E. H. K. † gr ed      |                             | Lewy, R. L. † b                   | 40 E. 83               |
| 5 Abbott blvd., Palisade    |                             | Lewy, S. S.                       | S. A. T. C.            |
| Levy, E. R. † e             | 1214 Vyse ave.              | Li, C. H. gr ed                   | 505 W. 124             |
| Levy, F. U. e               | 411 W. 114                  | Li, F. l                          | 558 W. 113             |
| Levy, G.                    | S. A. T. C.                 | Li, S. K. e                       | 425 W. 118             |
| Levy, H. M. † e             | 350 W. 115                  | Libby, M. M. † pa                 | 100 Morningside dr.    |
| Levy, H. R. † pa            | 771 West End ave.           | Liberman, H. S. † e               | 265 Henry              |
| Levy, I. F. † e             | 485 Central Pk. West        | Liberman, J. B.                   | S. A. T. C.            |
| Levy, J. c                  | 602 Willoughby ave., Bklyn. | Liccione, M. M.                   | S. A. T. C.            |
| Levy, J. e                  | 611 Watkins, Bklyn.         | Liccione, W. T. M. m              |                        |
| Levy, L. † e                | 2866 Boulevard, Jersey City | 101 Mt. Vernon ave., Mt. Vernon   |                        |
| Levy, L.                    | Naval Unit                  | Lichtenstein, J. V. † b           | Furnald                |
| Levy, L. E. e               | 829 West End ave.           | Lichtenstein, M. gr               | 1205 Amsterdam ave.    |
| Levy, L. L.                 | Naval Unit                  | Lichterman, J. C. e               | 220 Henry              |
| Levy, M. F. l               | 709 Bushwick ave., Bklyn.   | Lichtman, A. † ph                 | 17 E. 112              |
| Levy, N. e                  | 302 Central Park West       | Lidshy, L. e                      | 206 Wilson, Bklyn.     |
| Levy, S. D.                 | S. A. T. C.                 | Lieberman, C. e                   |                        |
| Lew, T. T. gr ed            | 600 W. 122                  | 349 Pennsylvania ave., Bklyn.     |                        |
| Lewin, R. T. † e            | 161 E. 81                   | Lieberman, D. L.                  | S. A. T. C.            |
| Lewinson, P. L.             | S. A. T. C.                 | Lieberman, H. M. c                |                        |
| Lewis, A.                   | S. A. T. C.                 | 1391 Washington ave.              |                        |
| Lewis, A. E. † pa           | Whittier                    | Lieberman, M. e                   | 157 Fifth ave., Bklyn. |
| Lewis, B. † e               |                             | Lieberman, N.                     | Naval Unit             |
| 425 Gregory ave., Weehawken |                             | Lieberman, P. † e                 | 324 W. 103             |
| Lewis, C. A. DeM. e         | 269 W. 140                  | Lieberman, S. e                   | 60 S. Main, Freeport   |
| Lewis, C. L., Jr.           | Naval Unit                  | Lieberman, S. H. m                | 81 Chrystie            |
| Lewis, E. C. † pa           | 523 W. 121                  | Lieberman, S. D. e                | 614 Blake ave., Bklyn. |
| Lewis, E. G. † e            | 321 St. Nicholas ave.       | Lieberson, J. S. e                | 815 Fox                |
| Lewis, H. e                 | 2130 Seventh ave.           | Liebermann, I. V. † e             | Hotel Biltmore         |
| Lewis, I. c                 | 43 Worth                    | Liebeskind, H. F. † b             |                        |
| Lewis, J. B.                | S. A. T. C.                 | 577 Nostrand ave., Bklyn.         |                        |
| Lewis, J. W. gr ed          | Leonida                     | Liebman, A. e                     | 353 E. 10              |
| Lewis, K. M. m              |                             | Liebmann, E. L. † e               |                        |
| Jefferson ave., Short Hills |                             | 1140 St. Johns Pl., Bklyn.        |                        |
| Lewis, L. † ed              | 200 Keap, Bklyn.            | Lief, A. gr                       | 1699 Clay ave.         |
| Lewis, L. J.                | S. A. T. C.                 | Liefeld, H. T. e                  | 437c Pulaski, Bklyn.   |
| Lewis, L. S. e              | 855 West End ave.           | Liegey, H. L. † bu                |                        |
| Lewis, M. A. † pa           |                             | 208 North, New Britain, Conn.     |                        |
| 429 Richmond, Richmond Hill |                             | Liegey, M. V. † bu                | Furnald                |
| Lewis, M. C. † e            | 607 W. 136                  | Lienau, A. W. c                   | 434 Riverside dr.      |
| Lewis, M. D. † gr           | 511 W. 138                  | Lienhardt, W. S.                  | S. A. T. C.            |
| Lewis, M. H. † e            | 423 W. 120                  | Lifschitz, B. e                   | 102 Ave. C             |
| Lewis, M. L. † pa           | 415 W. 118                  | Lifshey, M.                       | S. A. T. C.            |
| Lewis, M. M. † e            | 575 West End ave.           | Liftin, L. S. c                   | 260 W. 83              |
| Lewis, P. † e               | 200 W. 111                  | Light, N. C. † e                  | 405 W. 115             |
| Lewis, P. † e               | 42 S. Walnut, E. Orange     | Light, R. H. ed                   |                        |
| Lewis, P. R.                | Naval Unit                  | 13 Stanley Oval, Westfield, N. J. |                        |
| Lewis, R. † e               | 200 W. 111                  | Lilienfeld, B. M.                 | S. A. T. C.            |
| Lewis, R. † e               | 24 E. 94                    | Lilienfeld, S. † e                | 55 E. 7                |
| Lewis, S. L. † pa           | Furnald                     | Lillig, A. M. † e                 |                        |
| Lewis, S. R. † e            | Hotel Endicott              | 665 Fourth ave., College Point    |                        |
| Lewis, W. †                 | A. S. N.                    | Lim, K. O. N. † gr ed             | Whittier               |

- Limpert, S. H. S. A. T. C.  
 Lin, C. H. *bu* 404 W. 115  
 Lin, H. L. *gr* 600 W. 122  
 Lin, T. Y. *gr* 2783 Broadway  
 Linchitz, J. Naval Unit  
 Lincoln, R. *c* 875 W. 180  
 Lind, D. A.  $\dagger b$  71 E. 96  
 Lind, E. M.  $\dagger b$  71 E. 96  
 Lindeman, E. E.  $\dagger b$  Brooks  
 Linden, A. C. *m* 266 S. 9, Bklyn.  
 Linden, M. V.  $\dagger pa$  226 W. 75  
 Lindenstrath, C. E.  $\dagger e$  110-7th, Hoboken  
 Linder, F. M. *e*  
     111 N. Ninth ave., Mt. Vernon  
 Linder, H. F. S. A. T. C.  
 Lindle, G. C.  $\dagger m$  434 W. 120  
 Lindley, B. I.  $\dagger e$  158 W. 58  
 Lindman, I. S.  $\dagger ed$  503 W. 121  
 Lindsay, E. L.  $\dagger e$  419 W. 121  
 Lindsay, G.  $\dagger b$  235 E. 35  
 Lindsay, I. M.  $\dagger ed$  Furnald  
 Lindsay, J. D. Naval Unit  
 Lindsay, N.  $\dagger ed$  Furnald  
 Lindsley, L. A. S. A. T. C.  
 Ling, C. P. *gr ed* 512 W. 122  
 Lingane, R. J. *e* 265 Park ave., Orange  
 Lingenfelter, B. M.  $\dagger e$  106 Morningside dr.  
 Lingg, E.  $\dagger pa$  509 W. 121  
 Linke, E. A.  $\dagger gr ed$  420 W. 118  
 Linker, M. E.  $\dagger e$  Furnald  
 Linn, S. E.  $\dagger e$   
     122 Johnson ave., Kearney, N. J.  
 Linoff, S. *e* 54 E. 99  
 Linsky, H. *c* 343 W. 57  
 Linz, P. *e* 421 W. 114  
 Liotta, A. L. *ph* 201 Bay 43, Bklyn.  
 Lipari, E. P. E.  $\dagger e$  2071 Fifth ave.  
 Lippman, S. S. A. T. C.  
 Lippmann, E. B.  $\dagger e$  556 W. 180  
 Lippmann, F. B. S. A. T. C.  
 Lipschitz, A.  $\dagger e$  157 W. 111  
 Lipset, S. A.  $\dagger e$  960 Prospect ave.  
 Lipsky, A. *c* 833 E. 170  
 Lipsky, L. S. A. T. C.  
 Lipson, F. B.  $\dagger pa$   
     21 Seventeenth ave., Newark  
 Lipstein, H. S. A. T. C.  
 Lipton, I. S. Naval Unit  
 Lisenco, H. *ph* 854 Union ave.  
 Litchfield, E. C.  $\dagger b$  156 E. 55  
 Lithauer, D. B.  $\dagger b$  215 W. 98  
 Littauer, E. V. *m*  
     714 Bushwick ave., Bklyn.
- Littauer, V.  $\dagger b$  227 E. 116  
 Littell, C. F.  $\dagger gr$  418 W. 118  
 Littell, E. A.  $\dagger ed$  Haworth, N. J.  
 Littig, M. L.  $\dagger e$  21 Claremont ave.  
 Little, E. *gr* 27 Wilton, Princeton  
 Little, L.  $\dagger pa$  143 E. 53  
 Littman, S. *e* 105 E. Broadway  
 Litwin, N. O. Naval Unit  
 Liu, C. L. *gr* 468 Riverside dr.  
 Liu, T. K. *e* 501 W. 113  
 Liu, T. T. *e* 693 West End ave.  
 Liva, P. F. *e* 847 Third ave., Bklyn.  
 Livingston, E.  $\dagger pa$  Englewood, N. J.  
 Livingston, F. B.  $\dagger e$  50 Morningside dr.  
 Livingston, J. D. *e* 207 W. 11  
 Livingston, M. C.  $\dagger e$  207 W. 11  
 Livingston, M. Y.  $\dagger b$  Brooks  
 Livingston, N. S. A. T. C.  
 Livingston, S. F. *m*  
     577 Sutter ave., Bklyn.
- Lloyd, E. G.  $\dagger b$  Furnald  
 Lloyd, H. E. *e* Cliffside, N. J.  
 Lloyd, M.  $\dagger ed$  Whittier  
 Lloyd, W. *e* 52 Wall  
 Lobel, C. *e* 218 E. 115  
 Lobel, J. *e* 218 E. 115  
 Lobsenz, S. S. A. T. C.  
 Locke, G.  $\dagger ed$   
     Garden City Public School, L. I.  
 Locke, H. W. S. A. T. C.  
 Lockhart, M.  $\dagger e$   
     143 Gregory ave., Passaic  
 Lockhart, M. L.  $\dagger b$   
     81 Oak, Jersey City  
 Lockhart, M. S. *c*  
     415 Ft. Washington ave.
- Lockrow, A. E.  $\dagger e$  106 Morningside dr.  
 Lodato, J. *e* 1565 Fulton ave.  
 Loder, J. S. Jr. *m* 342 W. 48  
 Lodge, T. C. *ph* 319 W. 138  
 Loeb, E. V.  $\dagger gr$  78 W. 85  
 Loeb, J.  $\dagger gr ed$  90 Morningside dr.  
 Loeb L.  $\dagger pa$  19 W. 69  
 Loehr, J. E. Naval Unit  
 Loevy, I. *e* 434 W. 120  
 Loevy, K.  $\dagger e$  434 W. 120  
 Loew, E. M.  $\dagger ed$  473 Madison, Bklyn.  
 Loewenberg, M. J.  $\dagger pa$  20 E. 90  
 Loewenthal, M.  $\dagger$  S. A. T. C.  
 Loewy, E.  $\dagger e$  486 E. 140  
 Lohsen, M. A.  $\dagger e$   
     238a Academy, Jersey City  
 Lokweez, S. *e* 121 Bowery

|                              |                                     |                             |                             |
|------------------------------|-------------------------------------|-----------------------------|-----------------------------|
| Lomas, M. L. † <i>ed</i>     |                                     | Lucas, J. D.                | S. A. T. C.                 |
|                              | 130 Second ave., Newark             | Luce, H. <i>e</i>           | 116 Remsen, Bklyn.          |
| London, I. <i>e</i>          | 855 Home                            | Lucey, A. M. † <i>e</i>     | 2550 Bainbridge ave.        |
| London, R. B. † <i>b</i>     | 100 W. 80                           | Luchs, B. † <i>e</i>        | 606 W. 113                  |
| Long, E. † <i>gr</i>         |                                     | Luckings, E. I. † <i>e</i>  | 851 Amsterdam ave.          |
|                              | 285 Ridgewood ave., Glen Ridge      | Luckings, J. F. † <i>e</i>  | 851 Amsterdam ave.          |
| Long, E. E. † <i>ed</i>      | Scarsdale                           | Luckings, M. W. † <i>e</i>  | 851 Amsterdam ave.          |
| Long, E. T. † <i>gr</i>      | 509 W. 121                          | Ludlam, E. H. † <i>b</i>    | 44 W. 37, Bayonne           |
| Long, J. A. † <i>pa</i>      |                                     | Ludorf, H. F.               | S. A. T. C.                 |
|                              | 220 Willoughby ave., Bklyn.         | Ludwig, H. C. H.            | S. A. T. C.                 |
| Long, K. M. † <i>gr ed</i>   | 503 W. 121                          | Ludwig, R.                  | S. A. T. C.                 |
| Long, L. E. † <i>gr ed</i>   | 417 W. 120                          | Ludwoh, A. S. <i>e</i>      | 247 Audubon ave.            |
| Long, M. D. † <i>gr</i>      | 106 Morningside dr.                 | Lueders, G. K.              | S. A. T. C.                 |
| Longo, C. M. † <i>e</i>      |                                     | Luhrman, L. M. † <i>b</i>   |                             |
|                              | 213 Goodrich, Long Island City      |                             | 115 Maple, Jersey City      |
| Longwell, D.                 | S. A. T. C.                         | Lumb, H. C. † <i>e</i>      | 434 W. 120                  |
| Loonie, M.                   | S. A. T. C.                         | Lumpkin, K. D. † <i>gr</i>  | 519 W. 121                  |
| Lora, I. † <i>e</i>          | 100 Morningside dr.                 | Lundgren, R. G. <i>c</i>    | 527-55th, Bklyn.            |
| Lord, C. C.                  | Naval Unit                          | Lunn, C. W.                 | S. A. T. C.                 |
| Lord, G. A. † <i>pa</i>      | Whittier                            | Luquer, L. S.               | Naval Unit                  |
| Lorenz, S. J.                | S. A. T. C.                         | Lurie, B. L. <i>ph</i>      | 646 S. 18, Newark           |
| Loscalzo, P. E. <i>ph</i>    | Winfield, N. Y.                     | Lurssen, H. B.              | Naval Unit                  |
| Loring, D. R.                | S. A. T. C.                         | Lusskin, H. <i>m</i>        | 1015 E. 156                 |
| Losee, F. V. <i>gr</i>       | Union Theo. Seminary                | Lustberg, R. C. † <i>bu</i> |                             |
| Loth, M. † <i>m</i>          | 119 W. 74                           |                             | 789 West End ave.           |
| Lott, M. C. † <i>gr ed</i>   |                                     | Luther, K.                  | Naval Unit                  |
|                              | 99 Hardenbrook ave., Jamaica, L. I. | Luttrell, C. J. W. <i>e</i> | 526 W. 111                  |
| Lottridge, M. M. † <i>e</i>  | Whittier                            | Lutz, C. H.                 | Naval Unit                  |
| Lotz, E. † <i>gr ed</i>      | 244 Spring                          | Lutze, F. H. <i>c</i>       |                             |
| Loughlin, E. V. <i>l</i>     | 1266 Second ave.                    |                             | 403 Jefferson ave., Bklyn.  |
| Loughran, J. A. † <i>e</i>   | 115 W. 93                           | Luyster, W. V. D.           | S. A. T. C.                 |
| Louis, G. J. † <i>e</i>      | 272 W. 90                           | Lyman, D. A. † <i>pa</i>    | Whittier                    |
| Louis, R. † <i>e</i>         | Whittier                            | Lynch, K. M. † <i>e</i>     | 210 E. 15                   |
| Louria, H. W. <i>m</i>       | 249 Hewes, Bklyn                    | Lynde, E. G. † <i>ed</i>    | 537 W. 121                  |
| Louria, M. R.                | S. A. T. C.                         | Lynes, D. W., 2nd <i>c</i>  |                             |
| Love, E. J. † <i>gr ed</i>   | 100 Morningside dr.                 |                             | 192 Lefferts pl., Bklyn.    |
| Lovejoy, H. B.               | S. A. T. C.                         | Lynn, E. A. <i>j</i>        | 141 W. 11                   |
| Lovering, M. † <i>gr</i>     | 400 W. 118                          | Lynn, G. † <i>e</i>         |                             |
| Lowe, J. † <i>b</i>          | 606 W. 116                          |                             | 829 Boulevard, E. Weehawken |
| Lowenberg, N. † <i>pa</i>    | Hotel Leonori                       | Lyon, K. K.                 | S. A. T. C.                 |
| Lowendahl, J. R.             | S. A. T. C.                         | Lyon, L. D. † <i>gr ed</i>  | Morsemere, N. J.            |
| Lowenkopf, H. J.             | S. A. T. C.                         | Lyon, M. † <i>gr ed</i>     | Whittier                    |
| Lowenkron, S. <i>e</i>       | 140 Havemeyer, Bklyn.               | Lyons, A. L.                | S. A. T. C.                 |
| Lowenstein, E. † <i>b</i>    | 46 W. 73                            | Lyons, J. J.                | S. A. T. C.                 |
| Lowenstein, L. <i>ph</i>     | 515 W. 184                          | Lyons, L. R. † <i>gr</i>    | 214 W. 82                   |
| Lowinsohn, T. L.             | S. A. T. C.                         | Lyons, M. G. † <i>e</i>     | 148 W. 76                   |
| Lowther, F. deL. † <i>gr</i> | 738 West End ave.                   | McCabe, A. S.               | S. A. T. C.                 |
| Lu, S. Y. <i>gr</i>          | 510 W. 124                          | McCabe, J. C. <i>e</i>      | 145 W. 45                   |
| Lubart, J. <i>e</i>          | 45 W. 112                           | McCabe, N. E. † <i>e</i>    | 253-8th, Jersey City        |
| Lubasch, J.                  | S. A. T. C.                         | McCaffrey, M. I. † <i>e</i> | 340 E. 198                  |
| Lubetkin, I.                 | Naval Unit                          | McCalla, R. L. <i>m</i>     | 437 W. 59                   |
| Lubin, S. <i>e</i>           | 287 Division ave., Bklyn.           | McCallum, A. B. † <i>pa</i> | 145 Penn, Bklyn.            |
| Lucas, W. F.                 | S. A. T. C.                         | McCarey, M. E. † <i>gr</i>  | Portville, N. Y.            |

|                                 |                                |                                 |                            |
|---------------------------------|--------------------------------|---------------------------------|----------------------------|
| McCarthy, C. J.                 | S. A. T. C.                    | McGann, M. E. † <i>pa</i>       | 520 W. 122                 |
| McCarthy, D. A. <i>e</i>        | 2038 Ryer ave.                 | McGath, E. † <i>e</i>           | 243 E. 21                  |
| McCarthy, E.                    | S. A. T. C.                    | McGeachy, L. † <i>e</i>         | 235 W. 127                 |
| McCarthy, G. L. <i>e</i>        | 580 Fifth ave.                 | McGee, K. O. † <i>pa</i>        | Whittier                   |
| McCarthy, M. I. † <i>e</i>      | 211 E. 71                      | McGill, L. G. † <i>pa</i>       | 421 W. 121                 |
| McCarthy, H. P. † <i>e</i>      | 287 E. 162                     | McGill, M. S. † <i>e</i>        | 503 W. 121                 |
| McCarthy, J. W. <i>e</i>        | 287 E. 162                     | McGinn, K. † <i>e</i>           | 218 Prospect pl., Bklyn.   |
| McCarthy, K. F. † <i>e</i>      | 601 W. 115                     | McGowan, F. J. <i>c</i>         | 3605 Broadway              |
| McCarthy, W. V.                 | S. A. T. C.                    | McGrady, J. A. <i>e</i>         | 707 W. 180                 |
| McCarty, K. B. † <i>e</i>       | 416 W. 122                     | McGrath, L. A. † <i>e</i>       | 570 W. 47, Bklyn.          |
| McCaskill, E. † <i>gr</i>       | 400 W. 118                     | McGrath, M. J. † <i>ed</i>      | 110 Morningside dr.        |
| McCaslan, W. H. <i>m</i>        | 27 W. 61                       | McGraw, A. B. <i>m</i>          | 50 Vanderbilt ave.         |
| McClain, H. B. † <i>ed</i>      |                                | McGrayne, D. † <i>b</i>         |                            |
|                                 | 427 Ft. Washington ave.        |                                 | 163 Home ave., Rutherford  |
| McCauley, J. B.                 | S. A. T. C.                    | McGuff, A. <i>e</i>             | 252 W. 53                  |
| McClumpha, C. W. <i>l</i>       | 99 Claremont ave.              | McHale, K. † <i>ed</i>          | Whittier                   |
| McClure, H. † <i>gr ed</i>      | 1905 Andrews ave.              | McIntosh, A. J.                 | S. A. T. C.                |
| McClure, J. M. † <i>e</i>       |                                | McIntosh, M. † <i>pa</i>        | 611 W. 111                 |
|                                 | 348 Thirteenth ave., Newark    | McIntosh, M. A. † <i>gr</i>     | 166 W. 87                  |
| McClure, S. S. <i>e</i>         | 459 High, Newark               | McIver, C. G. <i>e</i>          |                            |
| McComack, A. † <i>e</i>         | 414 W. 118                     | McKain, M. † <i>pa</i>          | 126 Claremont ave.         |
| McConaughy, F. E. † <i>b</i>    | Brooks                         | McKean, H. G. † <i>ph</i>       |                            |
| McCormack, C. † <i>e</i>        | 302 W. 79                      |                                 | 184 Elm, New Rochelle      |
| McCormack, K. R. † <i>e</i>     | 591 E. 137                     | McKechnie, M. W. † <i>gr ed</i> | 400 W. 118                 |
| McCormick, O. A. † <i>pa</i>    | 420 W. 119                     | McKee, D. W. <i>c</i>           |                            |
| McCorry, M. M. † <i>pa</i>      | 212 Java, Bklyn.               |                                 | 28 Hamilton ave., Cranford |
| McCoun, R. P.                   | S. A. T. C.                    | McKee, E. L. † <i>gr</i>        | 601 W. 113                 |
| McCoy, L. L. <i>m</i>           | 408 W. 58                      | McKee, V. E. † <i>e</i>         | 601 W. 113                 |
| McCraven, B. N. † <i>gr</i>     |                                | McKee, W. J. <i>gr ed</i>       | 418 W. 118                 |
|                                 | 106 Morningside dr.            | McKeefrey, C. S. <i>e</i>       | 440 West End ave.          |
| McCready, E. M. † <i>e</i>      |                                | McKelvey, G. I., Jr.            | S. A. T. C.                |
|                                 | 49 E. Passaic ave., Rutherford | McKelvey, R. † <i>gr</i>        | 61 Henry                   |
| McCreery, M. S. † <i>e</i>      | 324 W. 84                      | McKenna, J. V., Jr.             | Naval Unit                 |
| McCrery, J. † <i>pa</i>         | 416 W. 122                     | McKennee, O. W. <i>e</i>        | 10 Sherman ave.            |
| McCue, G. S. <i>e</i>           | New Brighton, S. I.            | McKenzie, J. † <i>b</i>         | 606 W. 116                 |
| McCutcheon, J. D.               | S. A. T. C.                    | McKeon, R. P.                   | Naval Unit                 |
| McDaniel, L. F. † <i>b</i>      | 838 Union, Bklyn.              | McKeown, R. K.                  | S. A. T. C.                |
| McDermott, M. C. † <i>ed</i>    |                                | McKerchar, M. E. † <i>pa</i>    | Whittier                   |
|                                 | 138 Hamilton ave., Passaic     | McKerchar, M. L. † <i>pa</i>    | Whittier                   |
| McDonald, E. † <i>e</i>         | 501 W. 121                     | McKim, C. D.                    | S. A. T. C.                |
| McDonald, E. C. † <i>e</i>      | 549 Riverside dr.              | McKim, C. L. † <i>e</i>         | 37 Fairview, Yonkers       |
| McDonald, J. A. <i>gr ed</i>    | 175 Ninth ave.                 | McKinstry, H. M. † <i>ed</i>    | 610 Lexington ave.         |
| McDonald, L. J. † <i>gr</i>     | 100 Morningside dr.            | McKnight, N. McD.               | S. A. T. C.                |
| McDonald, M. D.                 | S. A. T. C.                    | McKnight, S. T.                 | S. A. T. C.                |
| McDonald, S. D. † <i>pa</i>     | 620 W. 122                     | McLane, F. M. † <i>gr ed</i>    | 229 W. 126                 |
| McDowell, E. † <i>gr ed</i>     | 133 W. 4                       | McLean, L. † <i>gr ed</i>       | 135 E. 52                  |
| McDowell, E. S. <i>m</i>        | 437 W. 59                      | McLeary, L. W. † <i>e</i>       | 28 W. 63                   |
| McElhinny, C. V. † <i>pa</i>    | 269 W. 79                      | McLeod, G. T. L.                | Naval Unit                 |
| McEntee, G. P. † <i>gr</i>      | 511 W. 173                     | McLeod, M. M. † <i>pa</i>       | Whittier                   |
| McEntegart, B. J. <i>gr</i>     | 457 W. 51                      | McMahon, N. M. † <i>e</i>       | Furnald                    |
| McEvoy, J. J.                   | S. A. T. C.                    | McMahon, V. R.                  | S. A. T. C.                |
| McFarland, P. K. † <i>e</i>     | 110 Morningside dr.            | McManus, E. M. † <i>e</i>       | 418 W. 118                 |
| McFarlane, D. M. † <i>gr ed</i> | 420 W. 119                     | McManus, M. T. † <i>e</i>       | 376 Lenox rd., Bklyn.      |



|                                 |                                  |                                 |                                |
|---------------------------------|----------------------------------|---------------------------------|--------------------------------|
| McMaster, L. M. † e             | Hotel Seville                    | Machado, M. G. c                | 318 W. 116                     |
| McMinn, V. D. <i>gr ed</i>      | 420 W. 121                       | MacIntosh, H. A. † e            |                                |
| McMullen, H. C.                 | S. A. T. C.                      |                                 | 1971 Homecrest ave., Bklyn.    |
| McMullen, L. B. <i>gr ed</i>    |                                  | Mack, B. † b                    | 318 W. 100                     |
|                                 | Box 22, Teachers College         | Mack, C. F. † e                 | 102 Washington ave             |
| McNab, M. H. † b                | Brooks                           | Mack, H. † b                    | 318 W. 100                     |
| McNall, A. L. †                 | A. S. N.                         | Mackay, K. M. L. † b            | 834 Fifth ave.                 |
| McNally, F. M. † <i>pa</i>      | 515 W. 122                       | Mackechnie, G. H. † b           |                                |
| McNamara, C. A. † e             | 108 W. 95                        |                                 | 24 Mechanics, Port Jervis      |
| McNeal, W. B. <i>gr ed</i>      | 106 Morningside dr.              | MacKenty, J. G.                 | S. A. T. C.                    |
| McNeely, W. H., 2nd             | 671 Ninth ave.                   | MacKenzie, R. A. <i>m</i>       |                                |
| McNeff, K. † <i>pa</i>          | 420 W. 116                       |                                 | 225 Central Park West          |
| McNicol, G. J.                  | S. A. T. C.                      | Mackey, K. F. † e               |                                |
| McNicol, S. G. † e              | 10 Miller, Newark                |                                 | 490 Stratford rd., Bklyn.      |
| McNulty, H. C.                  | S. A. T. C.                      | MacKinlay, A. L. † e            | 508 W. 112                     |
| McNulty, M. A. † e              | 478 W. 159                       | Mackinnon, A. † <i>bu</i>       | Furnald                        |
| McNulty, W. J. e                | 478 W. 159                       | MacKnight, G. L. † <i>pa</i>    | Whittier                       |
| McPherson, M. M. † e            | 222 W. 58                        | MacKnight, L. E. † <i>gr ed</i> | 439 W. 123                     |
| McQuade, E. T.                  | S. A. T. C.                      | MacLay, L. † e                  | 2661 Decatur ave.              |
| McQuade, T. J. e                | 539 W. 160                       | MacLean, C. B. † <i>pa</i>      |                                |
| McQueen, U. G. e                | 542 W. 112                       |                                 | 30 Grove terr., Passaic        |
| McTeigue, F. M. † <i>pa</i>     |                                  | MacLean, M.                     | S. A. T. C.                    |
|                                 | 227 Corlies ave., Pelham Heights | Maclean, R. McM. e              | 413 W. 156                     |
| McTeigue, M. † e                |                                  | MacLear, M.                     | S. A. T. C.                    |
|                                 | 227 Summit ave., Mt Vernon       | MacLeod, A. P. <i>m</i>         |                                |
| McWilliams, O. J. † e           |                                  |                                 | 46 Pomeroy ave., Kearny, N. J. |
|                                 | 130 Jewett ave., Jersey City     | MacMahon, A. L. † e             | 70 Morningside dr.             |
| Maas, A. K. † b                 | 130 E. 72                        | MacMillan, K. L. † <i>ed</i>    | Glen Cove, N. Y.               |
| Mabbott, T. O. c                | 23 W. 74                         | Macnamara, W. P.                | S. A. T. C.                    |
| Mabel, H.                       | S. A. T. C.                      | Macpeak, T. J.                  | S. A. T. C.                    |
| Mabie, H. R. † <i>pa</i>        | Summit                           | Macpherson, J. H. † <i>pa</i>   | 606 W. 122                     |
| Mabie, M. C. † b                | Bergenfield                      | MacQuivey, M. C. <i>ph</i>      | 59 W. 65                       |
| Mabie, R. R., Jr.               | S. A. T. C.                      | Macy, G. J.                     | S. A. T. C.                    |
| Macanna, J. e                   | 1154 Third ave.                  | Maddi, P. M. † <i>gr ed</i>     | 131 E. 83                      |
| MacArthur, E. † <i>pa</i>       | 100 Morningside dr.              | Madinek, I. B. <i>ph</i>        | 236 E. 13                      |
| MacArthur, E. J. † b            | 606 W. 116                       | Madison, A. A. <i>gr ed</i>     | 670 Third ave.                 |
| MacCornack, M. E. † e           |                                  | Madison, E. B. † e              | 248 Central Park West          |
|                                 | 27 Wildwood terr., Glen Ridge    | Madison, M. † e                 | 24 E. 94                       |
| MacCulloch, J. M. † e           |                                  | Madlinger, G. J.                | Naval Unit                     |
|                                 | 698 Palisade ave., Grantwood     | Madraso, E † e                  | 92 Morningside dr.             |
| MacDonagh, A. P. e              | 594-6th Bklyn.                   | Maffitt, M. A. † e              | 357 High, Perth Amboy          |
| MacDonald, F. B.                | 115 W. 104                       | Magaw, K. † b                   | Brooks                         |
| MacDonald, J. † b               | 169, W. 76                       | Maged, A. c                     | Suffern, N. Y.                 |
| Macdonald, K. M. † e            | 125 W. 188                       | Magee, G. A. e                  | 1161 Hoe ave.                  |
| MacDonald, M. L. † <i>ed</i>    | 417 W. 120                       | Magee, S. <i>m</i>              | 55 W. 110                      |
| MacDonald, V. C. † <i>pa</i>    |                                  | Mager, J. e                     | 8724 Bay 15, Bklyn.            |
|                                 | 716 Bergen ave., Jersey City     | Magilligan, A. A. † <i>pa</i>   | 135 Bergen, Bklyn.             |
| Macdonald, W. <i>gr</i>         | Cathedral Choir                  | Magliato, E. <i>ph</i>          | 111 Mott                       |
|                                 | School Amsterdam ave. and 111    | Magner, M. † e                  | 468 Riverside dr.              |
| Macdonald, Z. K. † e            | 181 Claremont ave.               | Magraw, R. B.                   | S. A. T. C.                    |
| Macfarlane, J. K. † b           | 254 W. 47                        | Mahan, O. C. † <i>pa</i>        | Whittier                       |
| MacGregor, G. S.                | S. A. T. C.                      | Mahar, W. J. c                  | 12 Spring, White Plains        |
| MacGregor, K. M. † <i>gr ed</i> | 520 W. 122                       | Mahe, I. M. † e                 | 338 W. 16                      |

- Maher, L. E. *e* 804 W. 180  
 Mahler, H. A. Naval Unit  
 Mahler, H. D. S. A. T. C.  
 Mahneke, P. C. M. † *b*  
     33 N. Washington pl., Astoria  
 Mahnken, H. J. S. A. T. C.  
 Mahoney, J. F. *e* 24 Seeley, Bklyn.  
 Mahoney, H. B. † *e* 1138 Bryant ave.  
 Mahony, R. A. R. † *e* 507 Macon, Bklyn.  
 Maier, J. H. *pa* 252-77th, Bklyn.  
 Mailhouse, A. A. † *e* 885 West End ave.  
 Main, V. † *e* 344 W. 18  
 Mainella, A. M. *ph* 329 E. 16  
 Maisel, F. S. A. T. C.  
 Major, M. E. † *e* 603 W. 140  
 Maki, Y. *gr* 102 W. 123  
 Maletsky, B. C. *c*  
     617 Doumont ave., Bklyn.  
 Malich, A. *c* 151 Canal  
 Mallory, V. S. *gr*  
     820 Van Buren pl., N. Bergen, N. J.  
 Malmar, R. M. † *e*  
     840 Birch, Richmond Hill  
 Malone, N. E. † *e* 420 W. 116  
 Maloney, E. A. *l* Bryn Mawr pk., Yonkers  
 Maloney, J. J. S. A. T. C.  
 Maloney, M. J. S. A. T. C.  
 Malott, E. † *pa* 430 W. 119  
 Malumet, J. P. S. A. T. C.  
 Maltz, M. S. A. T. C.  
 Malzberger, M. L. † *e*  
     370 Central Park West  
 Malzman, D. S. A. T. C.  
 Mancovitsky, M. *ph* 46 Seigel, Bklyn.  
 Mandel, C. *c* 1104 E. 17, Bklyn.  
 Mandel, H. S. *c* 348 Central Park West  
 Mandel, J. † *e* 901 Fox  
 Mandelbaum, H. E. S. A. T. C.  
 Mandelbaum, M. R. S. A. T. C.  
 Mandelbaum, S. S. A. T. C.  
 Mandell, G. E. *c* 60 Jewel, Forest Hills  
 Mandelstein, E. A. S. A. T. C.  
 Maneson, A. S. S. A. T. C.  
 Manfredi, P. *ph* 213 Bleecker  
 Manges, H. S. A. T. C.  
 Manheim, H. J. S. A. T. C.  
 Manheim, L. F. *c* 69 E. 92  
 Manheimer, J. S. S. A. T. C.  
 Mann, B. H. † *b* Brooks  
 Mann, F. S. A. T. C.  
 Mann, H. T. *l* 131 W. 110  
 Mann, R. *e* 340 E. 124  
 Mannhardt, G. E. † *b* 606 W. 116  
 Manning, W. J. S. A. T. C.  
 Mannion, M. B. † *ed* 45 Henry, Passaic  
 Mannis, G. E. † *b* Brooks  
 Manoukian, M. V. *ed* 543 W. 123  
 Manowitz, M. M. *e* 63 W. 110  
 Manrodt, M. *c* 93 Alexander, Newark  
 Mansfield, M. R. † *ed* Whittier  
 Manshel, M. M. *c* 37 Milford ave., Newark  
 Manson, G. E. † *gr ed* Whittier  
 Manson, J. C. *e* 627 W. 115  
 Mantz, M. D. † *gr* 1 W. 100  
 Manzer, C. W. *gr ed* 175 Ninth ave.  
 Mao-Tso, W. *ed* 505 W. 124  
 Maplesden, G. E. † *pa* 420 W. 121  
 Marantz, F. M. † *e* 283 Wyana, Bklyn.  
 Marancik, J. V. S. A. T. C.  
 Marburg, W. *e* 128 W. 77  
 Marchant, E. K. † *pa* Whittier  
 Marchetti, J. M. S. A. T. C.  
 Marcial, C. † *gr* 70 Fifth ave.  
 Marcus, D. V. † *pa* Whittier  
 Marcus, I. H. *c* 871 Driggs ave., Bklyn.  
 Marcus, J. T. *c* 369 Vermont, Bklyn.  
 Marcus, L. S. A. T. C.  
 Marcus, R. D. *c* 69 E. 92  
 Marcus, R. S. *c* 533 W. 124  
 Margalin, F. † *e* 546 W. 124  
 Margaretten, M. S. A. T. C.  
 Margiotta, N. *ph* 217 E. 33  
 Margolies, B. H. *gr* 1335 Intervale ave.  
 Margolis, M. H. *c* 1572 Washington ave.  
 Margotta, P. J. *ph*  
     147 Union ave., New Rochelle  
 Mariano, J. H. *gr* 80 Washington pl.  
 Marie Anna, Sister † *e* Planfield  
 Marion, J. E. S. A. T. C.  
 Markel, C. S. A. T. C.  
 Markel, H. S. A. T. C.  
 Marker, B. J. † *pa* Whittier  
 Markey, C. H. † *e* Furnald  
 Markey, F. L. † *e* 436 E. 140  
 Markham, V. S. A. T. C.  
 Markowitz, A. † *ph* 889 Stebbins ave.  
 Marks, H. † *e*  
     95 Murray ave., Pt. Washington  
 Marks, H. † *e* Whittier  
 Marks, I. E. S. A. T. C.  
 Marks, J. A. S. A. T. C.  
 Marks, L. *gr ed* 230 W. 97  
 Marks, M. S. A. T. C.  
 Marks, M. † *b* 541 W. 124  
 Marks, N. L. S. A. T. C.  
 Marks, P. M. † *e* 53 E. 65

|                                                   |                    |                                                 |                   |
|---------------------------------------------------|--------------------|-------------------------------------------------|-------------------|
| Marks, S. R. † <i>e</i>                           | 415 W. 118         | Martling, A. H. † <i>pa</i>                     | 400 W. 118        |
| Markun, L. <i>c</i> 405 Westminster rd., Bklyn.   |                    | Marty, S. M. † <i>e</i>                         | 601 W. 127        |
| Markush, E. <i>e</i>                              | 242 W. 76          | Martyn, B. <i>gr ed</i>                         | Hasbrouck Heights |
| Markwitz, E. † <i>e</i> 46 Hampton pl., Bklyn.    |                    | Maruya, K. <i>gr</i>                            | 522 W. 136        |
| Marlatt, F. K. † <i>b</i>                         |                    | Marvin, M. M. † <i>pa</i>                       | 503 W. 121        |
| 104 Cottage ave., Mt. Vernon                      |                    | Marx, D. B. † <i>e</i>                          | 500 W. 143        |
| Marlatt, M. M. † <i>e</i>                         | 126 Riverside dr.  | Marx, F. I. † <i>e</i>                          | 500 W. 143        |
| Marmaroff, I. † <i>e</i> 37 Fillmore ave., Corona |                    | Marx, J.                                        | S. A. T. C.       |
| Marmor, M. † <i>pa</i>                            | 2333 Davidson ave. | Marx, S. D.                                     | S. A. T. C.       |
| Marquis, K. S. † <i>e</i>                         | 28 Greenwich ave.  | Mary Beatrice, Sister                           | Plainfield        |
| Marquis, S. † <i>gr</i>                           | 611 W. 110         | Maryson, E. † <i>e</i>                          | 250 E. Broadway   |
| Marrett, G. E. † <i>e</i>                         | 411 W. 114         | Marzullo, E. <i>e</i>                           | 183 York, Bklyn.  |
| Marrinan, F. M.                                   | S. A. T. C.        | Masa, M. <i>e</i>                               | Hotel Bonta       |
| Marscher, A. A.                                   | S. A. T. C.        | Mason, C. D. <i>e</i>                           |                   |
| Marsellus, J. C.                                  | S. A. T. C.        | 264 Belleville ave., Bloomfield                 |                   |
| Marsh, A. L. <i>gr ed</i>                         | 523 W. 123         | Mason, D. E. † <i>e</i>                         | 24 E. 94          |
| Marsh, A. L. † <i>b</i>                           | 414 W. 118         | Mason, E. M. † <i>e</i>                         |                   |
| Marsh, F. † <i>pa</i>                             | 600 W. 115         | 638 Newark ave., Jersey City                    |                   |
| Marsh, L. A. † <i>b</i>                           | 414 W. 118         | Mason, E. S. <i>ph</i>                          | 115 W. 68         |
| Marsh, M. † <i>a</i>                              | 606 W. 122         | Mason, F. H. <i>e</i>                           | 841 West End ave. |
| Marshall, F. <i>gr ed</i>                         | 620 W. 122         | Mason, J. E. † <i>e</i>                         | 604 W. 112        |
| Marshall, M. F. † <i>b</i>                        | 620 W. 122         | Mason, Mary L. † <i>e</i>                       |                   |
| Marshall, M. L. † <i>pa</i>                       |                    | 32 Camden, Hackensack                           |                   |
| 620 High, W. Hoboken                              |                    | Mason, R. E. † <i>pa</i>                        | Whittier          |
| Marshall, R. † <i>b</i>                           | 47 E. 72           | Massey, M. A. † <i>pa</i>                       | 519 W. 121        |
| Marson, B.                                        | S. A. T. C.        | Massmann, M. McK. † <i>e</i>                    |                   |
| Marston, D. M. † <i>m</i>                         |                    | 184 Elm, New Rochelle                           |                   |
| 25 S. Hillside ave., Glen Ridge                   |                    | Masters, L. C. † <i>e</i>                       | 40 E. 41          |
| Martin, A. B. † <i>b</i>                          | Brooks             | Masterson, J. P.                                | S. A. T. C.       |
| Martin, A. K. † <i>pa</i>                         | 650 W. 170         | Masur, O. <i>ph</i>                             | 168 Henry         |
| Martin, C. A.                                     | Naval Unit         | Mates, A. <i>ph</i> 208 Rochester ave., Bklyn.  |                   |
| Martin, C. D. <i>e</i>                            | 124 W. 136         | Mather, E. W. † <i>pa</i>                       |                   |
| Martin, C. L. † <i>pa</i>                         | Whittier           | 46 Franklin pl., Montclair                      |                   |
| Martin, C. M. † <i>ed</i>                         | 501 W. 120         | Mather, S. H. † <i>pa</i>                       | 417 W. 120        |
| Martin, C. W. <i>m</i> 217 Prospect, Westfield    |                    | Mathes, G. C.                                   | S. A. T. C.       |
| Martin, D. H.                                     | S. A. T. C.        | Mathews, E. † <i>gr</i>                         | 401 W. 118        |
| Martin, D. L. † <i>b</i>                          | 414 W. 118         | Mathews, E. W. † <i>e</i>                       | Furnald           |
| Martin, E. G. <i>e</i>                            | 29 W. 82           | Mathews, J. † <i>gr</i>                         | 401 W. 118        |
| Martin, E. M. † <i>e</i>                          | 124 W. 136         | Matthews, M. J.                                 | S. A. T. C.       |
| Martin, E. Q.                                     | S. A. T. C.        | Mathiasen, O. E.                                | S. A. T. C.       |
| Martin, G. E. <i>gr ed</i>                        | 417 W. 121         | Mathieu, G. † <i>e</i>                          | 514 E. 58         |
| Martin, H. F.                                     | S. A. T. C.        | Matshak, R. P.                                  | S. A. T. C.       |
| Martin, J. H.                                     | S. A. T. C.        | Matsner, E. M. <i>m</i>                         | 125 E. 24         |
| Martin, L. A. † <i>pa</i>                         | Whittier           | Matsui, K. <i>gr</i>                            | 609 W. 139        |
| Martin, M. † <i>ed</i>                            | 515 W. 122         | Matsuno, K. <i>gr</i>                           | 102 W. 123        |
| Martin, M. F. † <i>ed</i>                         |                    | Matthews, C. D. † <i>ed</i> 100 Morningside dr. |                   |
| Children's Hosp., Randall's Island                |                    | Matthews, E. T. <i>c</i>                        | 102 Waverly pl.   |
| Martin, R. † <i>b</i>                             | Brooks             | Matthews, F. E. † <i>ed</i>                     | Whittier          |
| Martin, S. † <i>pa</i>                            | Furnald            | Matthews, M. H. † <i>pa</i>                     | Whittier          |
| Martin, S. L. † <i>e</i>                          | 524 W. 122         | Matthews, R. E. † <i>pa</i>                     | 102 Waverly pl.   |
| Martinez, F. L. <i>l</i>                          | 206 W. 92          | Matthews, W. H.                                 | S. A. T. C.       |
| Martinez, M. C. † <i>gr</i>                       | 492 W. 136         | Mattison, S. <i>l</i>                           | 242 E. 50         |
| Martinidez, G. J.                                 | S. A. T. C.        | Matz, J. W.                                     | Naval Unit        |

- Mauch, H. L. † *b* 582 Eighth ave.  
 Maue, H. P. *m* 308 E. 142  
 Mauger, I. M. † *b*  
 121 W. Passaic ave., Rutherford  
 Maurer, C. J. S. A. T. C.  
 Maurer, E. † *pa* 304 E. 20  
 Maurer, W. *e* 1630-84th, Bklyn.  
 Maverick, L. M. † *e* 107 Bedford  
 Maximilian, C. E. † *e*  
 Cliffside Park, N. J.  
 Maxwell, A. B. S. A. T. C.  
 Maxwell, A. C. † *e* 106 Morningside dr.  
 Maxwell, M. A. † *gr ed* 523 W. 121  
 May, A. W. S. A. T. C.  
 May, D. T. S. A. T. C.  
 Mayall, C. W. *ph* Stony Point, N. Y.  
 Mayer, C. W. † *gr* 41 E. 72  
 Mayer, E. B. † *b* 590 W. 174  
 Mayer, M. R. † *b* 509 W. 110  
 Mayer, M. M. † *pa* Colonial ave., Corona  
 Mayer, O. E. *c* 2085 Fifth ave.  
 Mayer, S. † *e* 31 W. 110  
 Mayer, S. W. *c*  
 97 Lockwood ave., New Rochelle  
 Mayer, T. † *gr* 41 E. 72  
 Mayer, V. K. † *b* 1356 Madison ave.  
 Mayers, H. L. *c* 1331 Madison ave.  
 Maynard, E. P. *m* Hotel Bossert, Bklyn.  
 Maynard, N. † *pa* Whittier  
 Mayorga, M. G. † *e*  
 711 St. Mark's ave., Bklyn.  
 Mead, A. R. † *gr ed* 523 W. 121  
 Mead, E. I. † *pa* 90 Morningside dr.  
 Mead, E. L. † *ed*  
 214 S. Third ave., Mt. Vernon  
 Mead, F. S. S. A. T. C.  
 Meade, A. C. † *e*  
 547a Summit ave., Jersey City  
 Meadow, S. *e* 260 Riverside dr.  
 Meads, A. M. † *pa* 720 Riverside dr.  
 Meagher, E. C. S. A. T. C.  
 Meakle, J. A. S. A. T. C.  
 Mebane, D. C. *m* 321 E. 42  
 Meder, A. E. Jr. *c* 141 W. 105  
 Meder, O. F. *e* 55 Ramsey ave., Yonkers  
 Medigovich, D. V. S. A. T. C.  
 Medigovich, M. † *b* Furnald  
 Meehan, G. E. *m* 117 Mercer, Jersey City  
 Meehan, H. M. † *b* 537 W. 152  
 Meehan, V. M. † *e*  
 Meeropolsky, L. *ph* 202 Brown pl.  
 Megahan, A. M. † *gr ed*  
 700 President, Bklyn.  
 Megginson, S. E. † *e* 541 W. 124  
 Megirian, Z. *c* 408 W. 130  
 Mehrlust, L. *e* 11a Campus pl., Bklyn.  
 Mei, C. S. *m* 27 W. 60  
 Meier, F. A. *e* 924 Hunterdon, Newark  
 Meinzer, W. E. S. A. T. C.  
 Meirowitz, E. † *e* 530 Manhattan ave.  
 Meisels, J. *e* 454 Linwood, Bklyn.  
 Meisels, R. S. A. T. C.  
 Meisner, C. † *ed* 419 W. 119  
 Meissner, E. M. † *b* Furnald  
 Meissner, G. M. † *e* 315 Oak, W. Hoboken  
 Meister, M. *gr ed* 344 W. 6  
 Meisterman, S. G. S. A. T. C.  
 Meixell, L. G. H. † *b* 340 W. 71  
 Melicow, M. M. *m* 251 W. 112  
 Meller, J. † *e* 1606 Pitkin ave., Bklyn.  
 Melliss, B. D. *l* Sherman Square Hotel  
 Melnick, J. Naval Unit  
 Melnick, R. † *b* 606 W. 116  
 Meltsner, L. *e* 1329 Clay ave.  
 Meltzer, B. C. † *e* 255 W. 108  
 Meltzer, L. † *e* 225 W. 86  
 Melvin, H. V. † *e* 216 W. 18  
 Melzer, F. E. S. A. T. C.  
 Memmott, J. Mac. D. S. A. T. C.  
 Menagh, A. T. † *pa*  
 64 Van Riepen ave., Jersey City  
 Mendel, E. M. † *b* 160 W. 86  
 Mendel, G. † *b* Furnald  
 Mendelsohn, J. *m* 207 E. 88  
 Mendelson, A. W. † *pa* 159 W. 74  
 Mendelson, D. B. *m* 130 W. 121  
 Mendelson, M. *e* 506 W. 135  
 Mendelson, M. A. S. A. T. C.  
 Mendenhall, E. W. † *gr* Furnald  
 Mendenhall, S. † *ed* 79 W. Washington pl.  
 Mendlowitch, S. Z. S. A. T. C.  
 Mendoza, C. J. *ph* 325 W. 15  
 Meneehy, J. D. † *b* 271 Union, Hackensack  
 Meng, M. C. † *e* Whitestone, L. I.  
 Menge, C. H. S. A. T. C.  
 Menken, J. A. S. A. T. C.  
 Menninger, E. A. *j* 423 W. 120  
 Menzel, H. E. † *pa*  
 47 Greenwood ave., E. Orange  
 Menzel, M. E. † *pa*  
 Villa ave., Mt. Vernon  
 Mercer, F. T. † *gr* 420 W. 121  
 Merican, M. *e*  
 4208 Seventeenth ave., Bklyn.  
 Merker, H. M. † *e* 1611 Avenue K, Bklyn.  
 Merkin, B. † *e* 170 William



Merklee, J. M. † *e* 390 Wadsworth ave.  
 Merlino, J. M. † *e* 25 Elm, Mamaroneck  
 Merrick, E. F. † *e* 200 W. 70  
 Merrick, K. † *pa* Whittier  
 Merrill, E. H. † *gr* Furnald  
 Merrill, H. E. † *e* 474-3rd, Bklyn.  
 Merrill, W. † *e* 430 W. 119  
 Merritt, L. B. † *gr ed* 29 Dale ave., Ossining  
 Merson, F. G. † *gr* 45 Govy Brook rd., N. Tarrytown  
 Mesnard, A. S. A. T. C.  
 Mesrobian, Z. A. † *ed* 541 W. 123  
 Messano, R. P. S. A. T. C.  
 Messe, I. S. A. T. C.  
 Messer, G. *e* 95 Liberty ave., Bklyn.  
 Messinger, E. P. S. A. T. C.  
 Messinger, I. *m* 1425 Madison ave.  
 Messinger, S. † *e* 249 E. Houston  
 Messiter, A. F. S. A. T. C.  
 Metcalf, M. † *b* 435 VanCortlandt Park ave., Yonkers  
 Metz, F. A. S. A. T. C.  
 Metzler, D. † *e* 809 Broadway, Far Rockaway  
 Meurlin, A. *m* P. & S. Club  
 Meurs, G. E. S. A. T. C.  
 Meyer, A. P. S. A. T. C.  
 Meyer, C. L. W. *gr* Livingston  
 Meyer, E. † *e* 429-72nd, Bklyn.  
 Meyer, E. A. † *gr ed* 421 W. 121  
 Meyer, F. † *b* 600 W. 113  
 Meyer, F. M. *ph* 647 Myrtle ave., Bridgeport  
 Meyer, H., Jr., *c* 527-54th, Bklyn.  
 Meyer, H. † *gr ed* 15 Cedar pl., Yonkers  
 Meyer, H. H. S. A. T. C.  
 Meyer, H. W. *m* 700 Madison ave.  
 Meyer, L. † *e* 59 W. 117  
 Meyer, M. A. † *e* 479-1st, Bklyn.  
 Meyer, R. M. † *e* 177 Jewett ave., Jersey City  
 Meyer, S. E. † *e* 230 W. 97  
 Meyer, W. † *ed* 501 W. 121  
 Meyerhoff, W. I. *c* 193 S. 9, Bklyn.  
 Meyers, E. † *e* 200 Riverside dr.  
 Meyers, H. M. *e* 580 W. 172  
 Meyers, M. L. S. A. T. C.  
 Meyers, W. C. *e* 16 Wall  
 Meyerson, M. A. *e* 60 St. Nicholas ave.  
 Meyerson, O. L. *e* 60 St. Nicholas ave.  
 Meylan, L. J. † *b* 468 W. 141  
 Meyren, F. G. *c* 531 W. 113

Michael, A. Y. † *e* 501 W. 122  
 Michael, O. S. *e* 825 W. 179  
 Michaelis, A. M. *c* 239 E. 61  
 Michaels, M. L. *ph* 1461 Bryant ave.  
 Michalover, J. *e* 850 E. Pkwy., Bklyn.  
 Michalover, L. † *pa* 850 Eastern Pkwy., Bklyn.  
 Michelman, E. H. † *e* Whittier  
 Michener, A. M. † *gr* 105 W. 163  
 Mickiewicz, H. † *pa* 182 Ave. B  
 Middlemiss, W. R. *m* 437 W. 59  
 Mier, M. E. † *pa* Furnald  
 Migliore, S. *c* 58 De Pew, Nyack  
 Mihleis, A. M. † *ed* 304 High, Perth Amboy  
 Milano, S. *e* 2152 Washington ave.  
 Milch, H. *m* 486 E. 4, Bklyn.  
 Mildeberger, V. R. S. A. T. C.  
 Miles, L. B. † *gr ed* Whittier  
 Miles, M. † *e* 431 Riverside dr.  
 Milgram, J. E. *c* 151 Chester, Bklyn.  
 Milkey, F. A. S. A. T. C.  
 Millar, K. S. † *pa* Whittier  
 Miller, A. † *e* 499 Ninth ave., Astoria  
 Miller, A. *e* 700 St. Marks ave., Bklyn.  
 Miller, A. H. S. A. T. C.  
 Miller, A. M. † *pa* Leonia  
 Miller, B. † *e* 119 E. 29  
 Miller, B. 931 Fox  
 Miller, C. C. † *e* Furnald  
 Miller, C. E. S. A. T. C.  
 Miller, C. G. S. A. T. C.  
 Miller, C. J. † *gr ed* 510 W. 124  
 Miller, D. *c* 636 Willoughby ave., Bklyn.  
 Miller, D. L. † *e* 51 Clinton pl., Hackensack  
 Miller, E. J. † *ed* 503 W. 121  
 Miller, E. L. † *e* 311 Prospect, Westfield  
 Miller, E. M. † *e* Whittier  
 Miller, E. M. † *e* Whittier  
 Miller, F. W. † *pa* Whittier  
 Miller, G. A. † *b* 2279 Andrews ave.  
 Miller, G. A. † *gr ed* Three Arts Club  
 Miller, G. H. *e* 1877 Morris ave.  
 Miller, H. H. S. A. T. C.  
 Miller, H. M. † *b* 283 Summit ave., Mt. Vernon  
 Miller, I. † *e* Hotel Churchill, 14 and Broadway  
 Miller, J. B. † *pa* 90 Morningside dr.  
 Miller, J. C. S. A. T. C.  
 Miller, J. H. S. A. T. C.  
 Miller, J. V. † *pa* 52 E. 126

|                                 |                                     |                                |                             |
|---------------------------------|-------------------------------------|--------------------------------|-----------------------------|
| Miller, L. P. <i>gr ed</i>      | Box 33, Newton, N. J.               | Mitchell, C. C.                | S. A. T. C.                 |
| Miller, M. E. $\dagger pa$      | Whittier                            | Mitchell, E. A. $\dagger b$    | Brooks                      |
| Miller, M. $\dagger e$          | 250 W. 78                           | Mitchell, F. E. $\dagger pa$   | Whittier                    |
| Miller, M. $\dagger e$          | 435 W. 119                          | Mitchell, M. A. $\dagger pa$   | 91 W. 103                   |
| Miller, M. M. $\dagger e$       | 100 Morningside dr.                 | Mitchell, R. $\dagger e$       | 262 W. 136                  |
| Miller, N. M. $\dagger pa$      | 501 W. 120                          | Mitchell, R.                   | S. A. T. C.                 |
| Miller, N. M. R. $\dagger gr$   | Furnald                             | Mixon, J. C.                   | S. A. T. C.                 |
| Miller, O. $\dagger e$          | 15 Morse ave., E. Orange            | Moakley, H. <i>e</i>           | 300 W. 93                   |
| Miller, P.                      | S. A. T. C.                         | Mochrie, M. $\dagger b$        | 21 Ash, Flushing            |
| Miller, P. D. $\dagger pa$      | 508 W. 114                          | Modarelli, A. E.               | S. A. T. C.                 |
| Miller, R. $\dagger e$          | Whittier                            | Modica, A. <i>c</i>            | 5 Rivington                 |
| Miller, S. J. <i>e</i>          | 360 E. 166                          | Moesch, E. $\dagger e$         | 235 W. 120                  |
| Miller, W. H. <i>m</i>          | 426 Convent ave.                    | Moffat, C. $\dagger pa$        | Whittier                    |
| Miller, W. J.                   | S. A. T. C.                         | Moffat, V. $\dagger pa$        | 476 Main, Orange            |
| Miller, W. J. <i>e</i>          | 157-14th, W. New York               | Moffatt, A. W. $\dagger$       | A. S. N.                    |
| Milles, G. $\dagger e$          | 133 W. 112                          | Moger, G. S.                   | S. A. T. C.                 |
| Milligan, G. L. B. $\dagger ed$ | 92 Hamilton ave., Yonkers           | Mohan, L. F. $\dagger gr ed$   | 401 Macon, Bklyn.           |
| Millington, L. E. $\dagger e$   | 537 W. 121                          | Mohr, O. L. <i>gr</i>          | 418 W. 118                  |
| Mills, A. B.                    | S. A. T. C.                         | Moldenke, R., Jr.              | S. A. T. C.                 |
| Mills, C. E. $\dagger b$        | 557 W. 124                          | Moller, W. G.                  | S. A. T. C.                 |
| Mills, E. L. $\dagger pa$       | 515 W. 122                          | Molstad, R. $\dagger pa$       | Furnald                     |
| Mills, H. M.                    | S. A. T. C.                         | Monaghan, M. R. $\dagger e$    | 601 W. 141                  |
| Mills, K. $\dagger b$           | 572 VanCortlandt Park ave., Yonkers | Monahan, J. E. $\dagger e$     | 536 W. 113                  |
| Mills, K. K. <i>e</i>           | Dobbs Ferry                         | Monell, F. B.                  | Naval Unit                  |
| Mills, M. $\dagger e$           | 340 W. 85                           | Monka, B.                      | S. A. T. C.                 |
| Mills, M. M. $\dagger b$        | 502 W. 139                          | Monkiewicz, B. J.              | Naval Unit                  |
| Mills, S. W. <i>m</i>           | 346 W. 57                           | Monroe, B. H.                  | S. A. T. C.                 |
| Milton, E. H. $\dagger pa$      | Englewood Hosp., Englewood          | Monroe, J. $\dagger pa$        | 44 Prospect dr., Yonkers    |
| Milton, I. L. <i>e</i>          | 524 N. Grove, E. Orange             | Monteferrante, F. S. <i>ph</i> | 435 E. 120                  |
| Milton, P. $\dagger e$          | 349 W. 85                           | Montgomery, F. C. $\dagger pa$ | 106 Morningside dr.         |
| Minamis, T. $\dagger pa$        | 783 West End ave.                   | Montgomery, I. C. $\dagger e$  | 220 W. 42                   |
| Miner, E. F. $\dagger pa$       | 400 W. 118                          | Montgomery, M. $\dagger b$     | 177 W. 95                   |
| Miners, S. B.                   | S. A. T. C.                         | Montgomery, R. B.              | S. A. T. C.                 |
| Minhinnick, L. E. $\dagger pa$  | 419 W. 110                          | Montgomery, U. <i>gr ed</i>    | 414 W. 118                  |
| Minkler, M. E. $\dagger b$      | 709 W. 169                          | Moo, J. Y. <i>a</i>            | 421 W. 118                  |
| Minor, C. G. <i>e</i>           | Hotel Astor                         | Moody, C. J. $\dagger pa$      | 14 Rutland ave., Englewood  |
| Minor, M. B. $\dagger pa$       | 20 S. Parsons ave., Flushing        | Moody, M. J. $\dagger e$       | 258 Lafayette ave., Passaic |
| Minrath, W. R.                  | S. A. T. C.                         | Moody, M. V. $\dagger e$       | Bergenfield, N. J.          |
| Minsky, H. <i>m</i>             | 524 Barbey, Bklyn.                  | Moody, R. M. <i>e</i>          | 330 Seventh ave., Newark    |
| Minster, M. D. $\dagger j$      | Furnald                             | Moolter, R. R. <i>m</i>        | 1060 Madison ave.           |
| Minton, E. G.                   | S. A. T. C.                         | Mooney, T. J. <i>e</i>         | 48 Wall                     |
| Mintz, A. E. <i>e</i>           | 609 W. 178                          | Moore, A. T. $\dagger ed$      | 17 Prospect, E. Orange      |
| Miodownick, A.                  | S. A. T. C.                         | Moore, B. <i>e</i>             | 188 Sheridan ave., Bklyn.   |
| Mira, R. <i>e</i>               | 540 W. 136                          | Moore, C. $\dagger e$          | 1432 Pacific, Bklyn.        |
| Miraglia, H. G. <i>ph</i>       | 24 Sumner pl., Bklyn.               | Moore, C. K. <i>ph</i>         | 80 Princeton ave., Dover    |
| Mirsky, L. P.                   | S. A. T. C.                         | Moore, F. E. $\dagger b$       | 519 W. 121                  |
| Misch, C. E.                    | Naval Unit                          | Moore, F. S. $\dagger pa$      | 38 W. 88                    |
| Mishell, D. R. <i>m</i>         | 28 Ridgewood rd., Glen Ridge        | Moore, H. D. B.                | S. A. T. C.                 |
|                                 |                                     | Moore, H. M. $\dagger e$       | 305 W. 111                  |
|                                 |                                     | Moore, H. W.                   | S. A. T. C.                 |

|                              |                                  |                                |                                  |
|------------------------------|----------------------------------|--------------------------------|----------------------------------|
| Moore, J. E. † <i>ed</i>     | 119 Essex ave., Bloomfield       | Morrison, C. J. † <i>e</i>     | 106 E. 91                        |
| Moore, L. W. † <i>b</i>      | 195-12th, Long Island City       | Morrison, J. C. <i>e</i>       | 80 Lafayette                     |
| Moore, M. B. † <i>e</i>      | 442 Fairmount ave., Jersey City  | Morrison, R. A. † <i>b</i>     | 6063 Broadway                    |
| Moore, M. M. † <i>e</i>      | 233 Audubon ave.                 | Morrison, R. A. <i>e</i>       | 30 Prospect, Jersey City         |
| Moore, O. V. † <i>b</i>      | 610 Riverside dr.                | Morrissey, M. V. † <i>e</i>    | 448 W. 50                        |
| Moore, P. T.                 | S. A. T. C.                      | Morrissey, W. J.               | S. A. T. C.                      |
| Moore, R. J. <i>gr</i>       | 36 Anderson ave., Palisade       | Morrow, P. R. <i>gr ed</i>     | 5 W. 125                         |
| Moore, S. H. † <i>e</i>      | 82 Elm, Passaic                  | Morrow, W. L. † <i>e</i>       | 26 Coligni ave., New Rochelle    |
| Moore, T. L. † <i>gr ed</i>  | 434 W. 120                       | Morse, K. † <i>gr</i>          | 106 Morningside dr.              |
| Moore, W. A.                 | S. A. T. C.                      | Morse, S.                      | Naval Unit                       |
| Moore, W. J. <i>c</i>        | 346 W. 57                        | Morse, S. A. † <i>pa</i>       | New Rochelle                     |
| Moore, W. W.                 | S. A. T. C.                      | Morton, E. <i>c</i>            | 8804 Ft. Hamilton pkway., Bklyn. |
| Moraes, V. F. <i>gr</i>      | 567 W. 113                       | Morton, F. C. † <i>e</i>       | 614 W. 157                       |
| Moran, D. T. <i>e</i>        | 420 E. 141                       | Morton, G. M. † <i>pa</i>      | Furnald                          |
| Moran, J. J.                 | S. A. T. C.                      | Moscowitz, B. <i>e</i>         | 136 E. 48                        |
| More, M. B. † <i>gr ed</i>   | Chatham                          | Mosel, W. F., Jr. <i>e</i>     | 501 W. 170                       |
| Morein, S.                   | S. A. T. C.                      | Moseley, E. † <i>gr</i>        | 420 W. 118                       |
| Morejohn, M. S. † <i>e</i>   | 1106 E. 23, Paterson             | Moser, C. M. <i>gr</i>         | 600 W. 122                       |
| Morenus, E. M. † <i>gr</i>   | 401 W. 118                       | Moses, L.                      | S. A. T. C.                      |
| Moress, E. J. † <i>pa</i>    | 72 Greenridge ave., White Plains | Moses, R. † <i>e</i>           | 2549 Decatur ave.                |
| Morey, H. H. † <i>pa</i>     | Whittier                         | Mosher, M. † <i>b</i>          | 118 W. 82                        |
| Morg, R. J. <i>e</i>         | 1970 University ave.             | Moskowitz, D. H. <i>gr ed</i>  | 92 Bay 17, Bklyn.                |
| Morgan, C. S. † <i>gr</i>    | 420 W. 119                       | Moskowitz, H. S. <i>ph</i>     | 315 E. 78                        |
| Morgan, F. <i>e</i>          | 1455 Undercliff ave.             | Moskowitz, J. L.               | S. A. T. C.                      |
| Morgan, G. B. † <i>b</i>     | 266 S. First ave., Mt. Vernon    | Moskowitz, M. A. <i>l</i>      | 110 Rivington                    |
| Morgan, H. H. † <i>b</i>     | 205 W. 106                       | Moskowitz, S. D.               | S. A. T. C.                      |
| Morgan, K. B. † <i>ed</i>    | 51 Guion, New Rochelle           | Moss, A. W. <i>e</i>           | 419 W. 129                       |
| Morgan, W. E. <i>gr</i>      | 3143 Broadway                    | Moss, R. M.                    | S. A. T. C.                      |
| Morgenthau, D. R. † <i>b</i> | Sherman Square Hotel             | Mossler, H. M.                 | S. A. T. C.                      |
| Moriarty, L. A. † <i>e</i>   | 568 Broadway                     | Mostowitz, C. † <i>ph</i>      | 311-3rd, Jersey City             |
| Morioka, S. <i>e</i>         | 165 Broadway                     | Mott, F. L. <i>gr</i>          | 131 Nagle ave.                   |
| Morise, Y. <i>ed</i>         | Union Theo. Seminary             | Moulton, C. B.                 | S. A. T. C.                      |
| Moritz, J. N.                | S. A. T. C.                      | Mountan, M. L. † <i>e</i>      | 62 W. 104                        |
| Morningstern, R. † <i>ed</i> | 167 William, E. Orange           | Mousalvatage, N. A. † <i>e</i> | 164 W. 74                        |
| Morosco, B. J. <i>e</i>      | 516 W. 184                       | Mousigian, M.                  | S. A. T. C.                      |
| Morrill, A. M. † <i>ed</i>   | 70 Grove, Passaic                | Moyle, W. D. <i>a</i>          | Highwood, N. J.                  |
| Morris, A.                   | S. A. T. C.                      | Muehleck, L. E. † <i>ed</i>    | 54 Highwood terr., Weehawken     |
| Morris, A. H. † <i>e</i>     | 414 W. 121                       | Muessen, A. S.                 | S. A. T. C.                      |
| Morris, D.                   | S. A. T. C.                      | Muessen, J. V. † <i>pa</i>     | Woodmere, L. I.                  |
| Morris, I. R.                | S. A. T. C.                      | Mufson, I. <i>m</i>            | 1260 Clay ave.                   |
| Morris, M. E. † <i>pa</i>    | 2604 University ave.             | Muhlenberg, V. † <i>pa</i>     | 340 W. 85                        |
| Morris, M. F. † <i>e</i>     | 616 W. 116                       | Muhlert, H. E.                 | S. A. T. C.                      |
| Morris, W. B.                | Naval Unit                       | Muhlfeld, H. † <i>b</i>        | 960 Grand Concourse              |
|                              |                                  | Muhlfeld, M. † <i>b</i>        | 960 Grand Concourse              |
|                              |                                  | Muir, M. L. † <i>e</i>         | 158 W. 76                        |
|                              |                                  | Muirhead, C. E., Jr.           | S. A. T. C.                      |
|                              |                                  | Muldaur, T. † <i>e</i>         | 577 N. Broad, Elizabeth          |
|                              |                                  | Mulé, M. <i>e</i>              | 392 Bushwick ave., Bklyn.        |
|                              |                                  | Mulé, S. <i>e</i>              | 157 St. Nicholas ave.            |

|                                |                              |                            |                            |
|--------------------------------|------------------------------|----------------------------|----------------------------|
| Mulford, E. G. † <i>gr</i>     | 194 Grand ave., Englewood    | Muth, G. F. <i>c</i>       | 120 Morris, Yonkers        |
| Mulhern, A. E. W. † <i>j</i>   | Furnald                      | Myer, L. † <i>ed</i>       | 419 W. 110                 |
| Mulinos, M. G.                 | S. A. T. C.                  | Myer, L. S.                | S. A. T. C.                |
| Mullen, A. C. † <i>e</i>       | 21 E. 89                     | Myers, C., Jr. <i>m</i>    | 575 West End ave.          |
| Mullen, M. E. † <i>pa</i>      | Whittier                     | Myers, C. E.               | S. A. T. C.                |
| Muller, G. <i>e</i>            | 622 Hancock, Bklyn.          | Myers, F. L. <i>m</i>      | 342 W. 57                  |
| Muller, G. F.                  | S. A. T. C.                  | Myers, F. S. † <i>e</i>    | 128 W. 74                  |
| Muller, M. † <i>gr</i>         | 255 West End ave.            | Myers, H. † <i>pa</i>      | 180 Claremont ave.         |
| Muller, M. <i>gr</i>           | 255 West End ave.            | Myers, H. B. † <i>e</i>    | Tenafly, N. J.             |
| Muller, N. J.                  | S. A. T. C.                  | Myers, M. G. † <i>b</i>    | 606 W. 116                 |
| Multz, M. R. † <i>e</i>        | 133 Suffolk                  | Myrick, A. † <i>ed</i>     | Whittier                   |
| Mulville, D. A. <i>e</i>       | 20 Vreeland ave., Passaic    | Naccarati, S. † <i>gr</i>  | 37 W. 54                   |
| Mumford, H. E. <i>e</i>        | 16 Wall                      | Nache, A. G. <i>j</i>      | 990 Sixth ave.             |
| Munde, J. F.                   | S. A. T. C.                  | Nachmanowitz, J. <i>m</i>  | 3 E. 105                   |
| Muniz, L. G. <i>e</i>          | Wellington Hotel             | Nacke, A. L. <i>e</i>      | 55 Hanson pl., Bklyn.      |
| Munroe, L. C. †                | A. S. N.                     | Nadel, G.                  | S. A. T. C.                |
| Munson, E. H. † <i>e</i>       | Brooklyn Hosp.               | Nadel, L. <i>mec</i>       | 1182 Clay ave.             |
| Munson, H. M. † <i>e</i>       | 1333 Merriam ave.            | Nadel, M. <i>ph</i>        | 632 E. 9                   |
| Munstock, G. C. † <i>b</i>     | 353 W. 118                   | Nagel, H. <i>gr</i>        | Hotel Marie Antoinette     |
| Munves, B. † <i>e</i>          | 1502 Crotona Park E.         | Nagel, N. L. † <i>e</i>    | 544 W. 113                 |
| Murachanian, L.                | Naval Unit                   | Nagelberg, P.              | Naval Unit                 |
| Muratori, F. <i>ph</i>         | 317 E. 57                    | Nagy, E. † <i>e</i>        | 335 E. 66                  |
| Murayama, K. <i>e</i>          | 541 Lexington ave.           | Nahon, Z. † <i>gr</i>      | 108 W. 111                 |
| Murley, K. † <i>e</i>          | 552 Union ave.               | Nakamigawa, Y. <i>gr</i>   | 65 Broadway                |
| Murphy, A. † <i>e</i>          | 417 W. 118                   | Nakao, Y. J. <i>gr</i>     | 330 E. 57                  |
| Murphy, E. B. <i>e</i>         | 8 W. 65                      | Nammack, E. F. † <i>gr</i> | 110 Morningside dr.        |
| Murphy, F. P. <i>e</i>         | 634 W. 135                   | Nan, M. A. † <i>e</i>      | 82 W. 92                   |
| Murphy, G. R.                  | S. A. T. C.                  | Nance, M. A. † <i>b</i>    | 2161 Ludlow ave.           |
| Murphy, J. D. <i>e</i>         | 515 W. 122                   | Nangle, H. F.              | S. A. T. C.                |
| Murphy, J. K.                  | S. A. T. C.                  | Napoliello, V. <i>m</i>    | 102 Sussex ave., Newark    |
| Murphy, J. M. † <i>e</i>       | 456 W. 18                    | Narins, S. <i>e</i>        | 470 Fifth ave., Bklyn.     |
| Murphy, M. D. † <i>pa</i>      | 335 Washington, Norwich      | Narins, S. <i>ph</i>       | 1053-42nd, Bklyn.          |
| Murphy, M. E. † <i>ed</i>      | 609 W. 127                   | Nash, J. N.                | S. A. T. C.                |
| Murphy, M. V. † <i>gr ed</i>   | 404 W. 115                   | Nash, W. L.                | S. A. T. C.                |
| Murphy, T. V. <i>j</i>         | 366 Alexander ave.           | Nash, R. M. † <i>ed</i>    | 826 W. Front, Plainfield   |
| Murray, A. W. † <i>pa</i>      | Whittier                     | Nason, C. † <i>b</i>       | 157 W. 105                 |
| Murray, E. L., Jr.             | S. A. T. C.                  | Nast, R. A.                | S. A. T. C.                |
| Murray, H. <i>m</i>            | 14 Lincoln ave., Newark      | Nasu, S. <i>gr</i>         | Pinewood pl., W. Englewood |
| Murray, H. A., Jr. <i>m</i>    | 129 E. 69                    | Natapoff, S.               | S. A. T. C.                |
| Murray, J. D. <i>e</i>         | Wood Ridge, N. J.            | Nathabanja, L. <i>c</i>    | Columbia University        |
| Murray, J. E.                  | S. A. T. C.                  | Nathan, J. S.              | Naval Unit                 |
| Murray, M. F. <i>m</i>         | 301 E. 68                    | Nathan, M. R. † <i>e</i>   | 12 W. 74                   |
| Murray, W. J. <i>e</i>         | 61 Morningside ave., Yonkers | Nathans, A. A. <i>m</i>    | 365 E. 21, Bklyn.          |
| Murtagh, M. † <i>e</i>         | Grantwood                    | Nauen, O. <i>e</i>         | 235 W. 103                 |
| Murtagh, W. A. <i>e</i>        | Grantwood                    | Nayfack, B. S. <i>l</i>    | 184 Crown, Bklyn.          |
| Murtha, M. O. † <i>e</i>       | 211 W. 120                   | Naylor, J. <i>e</i>        | 621 Eighth ave., Bklyn.    |
| Murtland, C. X. † <i>gr ed</i> | 600 W. 114                   | Naylor, J. † <i>ed</i>     | 416 W. 122                 |
| Murton, H. E. <i>e</i>         | Annandale, N. J.             | Neafie, W. O. <i>mec</i>   | 17 W. 84                   |
| Muscillo, C. <i>e</i>          | 550 E. 189                   | Neal, B. A.                | S. A. T. C.                |
| Mustin, L. † <i>pa</i>         | Whittier                     | Neal, G. T. † <i>e</i>     | 940 Park ave.              |
|                                |                              | Neal, J. C. † <i>e</i>     | 940 Park ave.              |
|                                |                              | Neale, E. T. † <i>b</i>    | 620 W. 116                 |



|                               |                            |                                |                                 |
|-------------------------------|----------------------------|--------------------------------|---------------------------------|
| Neale, W.                     | Naval Unit                 | Newburger, B. G. † <i>sp</i>   | 220 W. 89                       |
| Neary, E. J.                  | S. A. T. C.                | Newburgh, L. V. † <i>pa</i>    | Whittier                        |
| Nebenzahl, E. † <i>e</i>      | Far Rockaway               | Newitz, S. J.                  | S. A. T. C.                     |
| Needham, M. L. † <i>gr ed</i> | 549 Riverside dr.          | Newman, C. B. † <i>e</i>       | 600 W. 183                      |
| Needham, P. H. † <i>pa</i>    | 428 W. 121                 | Newman, H. E. † <i>b</i>       | 606 W. 116                      |
| Neel, L. B. † <i>gr</i>       | Whittier                   | Newman, M. E. † <i>e</i>       | 438 W. 116                      |
| Neer, I. <i>gr</i>            | 245 Broadway, Paterson     | Newman, M. C. † <i>pa</i>      | 704 West End ave.               |
| Neibart, B. A.                | Naval Unit                 | Newton, L. J. † <i>ed</i>      | 420 W. 119                      |
| Neilson, J., Jr. <i>c</i>     | 344 W. 72                  | Newton, M. E.                  | S. A. T. C.                     |
| Neiman, N. <i>ph</i>          | 1294 First ave.            | Ney, K. † <i>b</i>             | 606 W. 116                      |
| Neimeth, E. <i>ph</i>         | 1266-54th, Bklyn.          | Nichols, C. T. † <i>e</i>      | 606 W. 137                      |
| Neisel, E. M. † <i>e</i>      | 107 W. 94                  | Nichols, E. G.                 | S. A. T. C.                     |
| Neitz, J. D.                  | S. A. T. C.                | Nichols, H. H. † <i>e</i>      | Whittier                        |
| Nellis, G. S. <i>m</i>        | 529 W. 111                 | Nichols, H. B.                 | S. A. T. C.                     |
| Nelsenius, N. E.              | S. A. T. C.                | Nichols, M. † <i>gr ed</i>     | 405 Lincoln ave., Orange        |
| Nelson, B. F., Jr.            | S. A. T. C.                | Nicolson, M. E. † <i>sp</i>    | 464 Riverside dr.               |
| Nelson, C. W. <i>gr</i>       | 175 Ninth ave.             | Nickel, A. R. <i>e</i>         | 516 W. 184                      |
| Nelson, E. S.                 | S. A. T. C.                | Nicoll, N. †                   | A. S. N.                        |
| Nelson, F. A. † <i>ed</i>     | Ridgewood, N. J.           | Nieder, M. E.                  | S. A. T. C.                     |
| Nelson, H. W. † <i>e</i>      | 474 Halsey, Bklyn.         | Nieh, C. Y. <i>c</i>           | 527 W. 124                      |
| Nelson, K. H. † <i>e</i>      | 620 W. 122                 | Nielsen, I. H. † <i>pa</i>     | 2940 Broadway                   |
| Nelson, M. † <i>e</i>         | 344 E. 5, Mt. Vernon       | Nielsen, V. V. <i>ph</i>       | 965 Freeman                     |
| Nelson, N. F.                 | S. A. T. C.                | Nieman, G. E. † <i>e</i>       | Wadsworth Hall, Arrochar, N. J. |
| Nelson, P. H.                 | S. A. T. C.                | Nikander, E. † <i>pa</i>       | 716-43rd, Bklyn.                |
| Nelson, V. L. † <i>ed</i>     | Whittier                   | Nil, A. M. † <i>e</i>          | 501 W. 121                      |
| Nemetz, Max D. <i>ph</i>      | 227 W. 135                 | Nimmcke, F.                    | S. A. T. C.                     |
| Nemith, M. E. † <i>gr ed</i>  | Whittier                   | Nishi, K. <i>gr</i>            | 526 W. 123                      |
| Neth, C. B. † <i>pa</i>       | 12 Archer pl., Tarrytown   | Nishimura, M. <i>gr</i>        | Livingston                      |
| Netter, G. E.                 | S. A. T. C.                | Nishman, D. <i>m</i>           | 104 Moore, Bklyn.               |
| Nettleton, F. B. †            | A. S. N.                   | Noble, M. † <i>pa</i>          | 527 W. 121                      |
| Netzel, W. R.                 | Naval Unit                 | Nodine, E. R. <i>m</i>         | New Rochelle                    |
| Neuberg, F. A.                | Naval Unit                 | Noe, P. S.                     | S. A. T. C.                     |
| Neuberger, M.                 | Naval Unit                 | Noffsinger, J. S. <i>gr ed</i> | 358-60th, Bklyn.                |
| Neuer, C. <i>e</i>            | 444 Stone ave., Bklyn.     | Noggle, Mrs. R. L. † <i>e</i>  | 414 W. 121                      |
| Neugass, E. <i>e</i>          | 300 W. 107                 | Nolan, E. W.                   | Naval Unit                      |
| Neugass, M. N. † <i>e</i>     | 2 W. 89                    | Nolan, M. A. † <i>b</i>        | 204 W. 78                       |
| Neuhaus, H.                   | S. A. T. C.                | Nall, A. † <i>gr</i>           | 80 W. 90                        |
| Neuman, H. † <i>b</i>         | 114 W. 120                 | Noll, J.                       | Naval Unit                      |
| Neuman, L. G. † <i>e</i>      | 231 E. 13                  | Noll, L. <i>m</i>              | 437 W. 59                       |
| Neumann, B. H. † <i>pa</i>    | 234 W. 112                 | Nomburg, E.                    | S. A. T. C.                     |
| Neumann, M. † <i>b</i>        | 235 E. 86                  | Noonan, J. W. <i>e</i>         | 25 Spencer pl.                  |
| Neumann, W. J.                | Naval Unit                 | Noorigian, P. <i>c</i>         | 430 W. 36                       |
| Neurad, J. A. † <i>pa</i>     | 1075 W. Farms rd.          | Nord, J. M.                    | Naval Unit                      |
| Neuser, R. W. <i>m</i>        | 45 St. Mark's pl.          | Nordell, A. † <i>pa</i>        | 208 Prospect pl., Bklyn         |
| Neustadt, L. <i>e</i>         | 38 Leonard, Bklyn.         | Nordenschild, J. † <i>e</i>    | 316 W. 95                       |
| Neuville, E. † <i>b</i>       | 606 W. 116                 | Norfleet, O. † <i>e</i>        | 16 E. 60                        |
| Nevas, B.                     | S. A. T. C.                | Norman, J. W. <i>gr ed</i>     | 110 Morningside dr.             |
| Neville, M. † <i>e</i>        | 174 W. 79                  | Norris, C. C. † <i>e</i>       | 434 W. 120                      |
| Nevin, E. J.                  | Naval Unit                 | Norris, D. M. <i>c</i>         | 708 Ocean ave., Bklyn.          |
| New, E. S.                    | S. A. T. C.                | Norris, H. M. <i>m</i>         | 437 W. 59                       |
| Newbaker, C. R. <i>c</i>      | 17 Remington ave., Jamaica | Norris, J. R.                  | S. A. T. C.                     |

- Norris, M. E.  $\dagger e$  900 Summit ave.  
 North, D.  $\dagger pa$  Whittier  
 North, L. M.  $\dagger e$  241 Clifton ave., Newark  
 North, L. V.  $\dagger b$  606 W. 116  
 Norton, J.  $e$  32 Vietor pl., Elmhurst  
 Norton, M. A.  $\dagger pa$  Whittier  
 Norton, O. A.  $\dagger e$  110 and Amsterdam ave.  
 Norton, R. H.  $\dagger$  A. S. N.  
 Norton, W. Q.  $\dagger gr$  Whittier  
 Nortz, F. E.  $e$  28 W. 68  
 Nortz, L. B.  $\dagger e$  28 W. 68  
 Norvell, M. S.  $\dagger e$  521 Park ave.  
 Noshier, M. A.  $\dagger e$  12 Nye ave., Newark  
 Nosovitsky, S. S.  $e$  334 Saratoga ave., Bklyn.  
 Nossier, M. A.  $\dagger e$  112 E. 83  
 Notini, R. A.  $\dagger e$  172 West End ave.  
 Notson, L.  $\dagger ed$  Whittier  
 Novy, A. J. S. A. T. C.  
 Noyes, E. J.  $l$  313 Convent ave.  
 Nusbaum, V. H. Naval Unit  
 Nussbaum, A.  $e$  473 Grand, Bklyn.  
 Nussenfeld, M. R. S. A. T. C.  
 Nute, W. L.  $m$  2676 Morris ave.  
 Nutt, M. E.  $\dagger e$  527 W. 121  
 Nye, C. B. S. A. T. C.  
 Nye, R. H. S. A. T. C.  
 Nyitray, E.  $\dagger pa$  Hastings-on-Hudson  
 Oak, D.  $\dagger gr ed$  146 W. 119  
 Oakley, J. M.  $\dagger e$  88 W. Lincoln ave., Mt. Vernon  
 Oakley, M. F.  $\dagger e$  233 McDonough, Bklyn.  
 Obel, L. T.  $e$  61 W. 114  
 Oberkirch, R. L.  $\dagger e$  140 Claremont ave.  
 Oberly, J. L. S. A. T. C.  
 Obermeyer, H. E. S. A. T. C.  
 Oberrender, G. F.  $m$  565 W. 113  
 O'Brien, A. A.  $\dagger gr$  509 W. 121  
 O'Brien, F. W.  $e$  753 Amsterdam ave.  
 O'Brien, J.  $e$  32 Nassau  
 O'Brien, J. J.  $ph$  115 W. 68  
 O'Brien, M.  $\dagger b$  191 Brighton ave., Perth Amboy  
 O'Callaghan, H.  $\dagger e$  38 Albany ave., Ogdensburg  
 O'Connor, E. J. S. A. T. C.  
 O'Connor, F. H. S. A. T. C.  
 O'Connor, J. A.  $e$  215 E. 43  
 O'Connor, J. P.  $e$  155 E. 22  
 Odate, G.  $gr$  330 E. 57  
 Odell, H. E. S. A. T. C.  
 Odell, L. S.  $gr$  83½ Monroe, Bklyn.  
 Odell, M. McK.  $\dagger ed$  543 E. 181  
 Odes, H. S. A. T. C.  
 O'Donnell, A. M.  $\dagger ed$  140 Claremont ave.  
 O'Donnell, C.  $\dagger e$  106 Morningside dr.  
 O'Donnell, E. J.  $e$  165 W. 72  
 O'Dowde, C. A.  $\dagger e$  436 Manhattan ave.  
 Oeder, E. L.  $\dagger e$  631 E. 168  
 Oehlers, E. V. S. A. T. C.  
 Oehmsen, H. N.  $c$  Harrison, N. Y.  
 Oelbaum, C. J.  $m$  331-8th, Bklyn.  
 Oertell, F. D.  $e$  968 Summit ave., Jersey City  
 Oestreicher, H. W. S. A. T. C.  
 Oettinger, M. L.  $\dagger pa$  Whittier  
 Offner, M.  $c$  617 W. 170  
 Offner, M. M. S. A. T. C.  
 Ogden, A. R.  $\dagger b$  383 Park ave.  
 Ogden, H. V. C.  $\dagger e$  12 E. 10  
 Ogden, M. A.  $\dagger e$  136 W. 104  
 Ogden, M. E.  $\dagger pa$  Whittier  
 Ogden, R. R. S. A. T. C.  
 Oggins, I.  $c$  428 Ditmas ave., Astoria  
 Ognibene, N. M.  $\dagger ph$  19 Kenmare  
 O'Grady, J. B.  $c$  781 Home  
 O'Grady, J. J. S. A. T. C.  
 O'Hara, C. F.  $\dagger c$  Woodcliff, N. J.  
 Ohl, A. F. S. A. T. C.  
 Ohmes, F. W. S. A. T. C.  
 Ohta, S. Y.  $e$  52 Morningside ave.  
 O'Keefe, D. W.  $\dagger e$  420 W. 119  
 O'Keefe, L. L.  $\dagger ed$  154 W. 73  
 O'Kelly, J. F. S. A. T. C.  
 O'Kelly, R. P. S. A. T. C.  
 O'Kin, I. S. A. T. C.  
 Okiyama, H. R.  $\dagger e$  342 Westminster ave., Elizabeth  
 O'Leary, A. B.  $\dagger e$  1229 Madison ave.  
 O'Leary, E. J.  $\dagger ed$  138 Hamilton ave., Passaic  
 Oldenbusch, C.  $\dagger b$  72 Marlboro rd., Bklyn.  
 Oldham, E. W. Naval Unit  
 Oleijer, M.  $\dagger e$  442 E. 57  
 Oliver, A.  $\dagger e$  519 W. 121  
 Oliver, E. M.  $\dagger ed$  Farnald  
 Oller, M.  $\dagger gr ed$  400 W. 118  
 Olney, M.  $\dagger pa$  Whittier  
 Olschwang, R. F.  $\dagger e$  245 Brook ave.  
 Olson, C. F.  $e$  431 Sterling pl., Bklyn.  
 Olsen, F. H.  $\dagger e$  1005 E. 178  
 Olson, H. J.  $m$  Kings County Hospital, Bklyn.  
 Oltarsh, M.  $c$  5-7 Attorney

O'Meara, M. M. † *pa*  
 Omeis, M. L. F. † *b* 2958 Briggs ave.  
 Omeltchenko, E. I. *gr* 335 W. 88  
 O'Neil, A. J. *gr ed* 1654 Madison ave.  
 O'Neil, C. A. S. A. T. C.  
 O'Neill, R. A. † *e* 140 W. 105  
 O'Neill, R. J. *e* 60 Joralemon, Bklyn.  
 Onorato, V. M. *c* 243 E. 13  
 Opdycke, M. E. † *b* 117 E. 69  
 Opoznauer, H. J. *c* 518 W. 111  
 Oppenheim, E. J. *e* 29 W. 86  
 Oppenheim, S. A. *e* 345 W. 88  
 Oppenheimer, B. M. † *ed*  
 15 Claremont ave.  
 Oppenheimer, E. † *pa* 310 W. 94  
 Oppenheimer, G. D. *c* 16 Mt. Hope pl.  
 Oppenheimer, I. † *gr* 208 E. 124  
 Oppenheimer, M. R. † *e* 57 E. 80  
 Oppenheimer, M. T. † *e* 57 E. 80  
 Oppenheimer, R. L. † *e* 326 W. 80  
 Oppenshaw, M. *e*  
 317 S. Fifth ave., Mt. Vernon  
 Oppen, E. M. † *e* 674 West End ave.  
 Oram, M. F. † *pa* Whittier  
 Origgi, M. B. † *e* 244 Spring  
 Orleans, I. L. *l* 130 W. 113  
 Orloff, L. *e* 823 Kelly  
 Orne, E. † *b* 605 W. 115  
 O'Rorke, J. F. *e* 271 Ft. Washington ave.  
 O'Rourke, M. E. † *ed* 2969 Valentine ave.  
 Orr, A. † *gr ed* 127 W. 76  
 Orr, F. † *gr* 610 W. 116  
 Orr, M. N. † *e*  
 63 Jamaica ave., Flushing  
 Orrell, B. B. † *e* 6 W. 87  
 Orth, F. *e* 250 E. 124  
 Ortmann, E. J. *gr ed* 306 W. 35  
 Ortmann, L. M. † *pa* 527 W. 121  
 Osborn, E. S. † *e* 1269 Madison ave.  
 Osborn, J. W. † *e* Holland House  
 Osborne, L. E. † *e*  
 317 Clifton ave., Newark  
 Oschrin, E. E. † *gr* 41 W. 83  
 Oseasohn, W. *e* 946 Kelly  
 O'Shea, E. M. † *m*  
 213 Wilkinson ave., Jersey City  
 O'Shea, H. E. † *gr ed* Furnald  
 O'Shea, L. M. *m* 159 W. 88  
 O'Shinsky, S. B. † *e* 204 W. 119  
 Osius, A. M. † *pa* Whittier  
 Osler, F. C. † *gr ed* Whittier  
 Osterhout, A. † *b* 74 W. 103  
 Osterholm, C. A. S. A. T. C.

Osterman, B. P. † *e* 480 Central Pk. W.  
 Osterman, L. † *e* 1004 Simpson  
 Osterman, S. † *e* 1004 Simpson  
 Ostermayer, J. W. *e* 551 W. 172  
 Ostrander, G. P. † *gr ed* Whittier  
 Ostrander, L. F. † *pa* Whittier  
 Ostrinsky, D. *c* 620 E. 170  
 Ostrofsky, S. M. S. A. T. C.  
 Ostruk, P. *e* 224 W. 57  
 O'Sullivan, M. A. S. A. T. C.  
 Osumi, T. *gr* 110 Morningside dr.  
 Otis, J. M. † *e* 202 W. 74  
 Otis, M. † *e* Riverdale  
 O'Toole, E. S. A. T. C.  
 Ottmer, M. C. † *e* 129 E. 10  
 Otto, M. † *e* 80 Edgecombe ave.  
 Ou, Y. H. *gr ed* 558 W. 113  
 Owaki, M. *gr* 545 W. 111  
 Owen, A. Z. *a* 215 W. 108  
 Owens, G. D. S. A. T. C.  
 Owen, H. K. † *e* 622 W. 113  
 Owens, J. L. † *e* 341 W. 29  
 Owens, L. C., Jr. Naval Unit  
 Owens, M. † *e* 90 Morningside dr.  
 Owens-Williams, J. F. S. A. T. C.  
 Oxhandler, S. *a* 31 Arden  
 Oxman, S. H. *ph* 4 E. 119  
 Oyang, R. Y. † *ed* Whittier  
 Pabst, G. † *gr* 127 E. 95  
 Pace, A. *ph* 116 Summit, Bklyn.  
 Pack, S. J. Naval Unit  
 Packard, J. R. *gr* 600 W. 122  
 Packhiser, E. R. S. A. T. C.  
 Paddock, A. J. † *gr* 609 W. 114  
 Padé, J. E. † *gr* 24 E. 94  
 Padgett, I. † *pa* Whittier  
 Padilla, S. *gr* 525 W. 138  
 Page, A. O. † *pa* Whittier  
 Page, C. P. † *pa* Whittier  
 Page, E. A. † *e*  
 36 N. Arlington ave., E. Orange  
 Page, F. R. *gr ed*  
 Staten Island Academy, S. I.  
 Page, K. *gr* 611 Fairview ave., Bklyn.  
 Paine, C. L. † *e*  
 75 Hakyon terr., New Rochelle  
 Paine, F. E. † *gr* 100 W. 118  
 Paley, H. *e* 282 S. 2, Bklyn.  
 Palinsky, M. *m*  
 4015 Thirteenth ave., Bklyn.  
 Palmer, H. S. † *e* 524 West End ave.  
 Palmer, M. † *ed* 52-1st, Hackensack  
 Palmer, O. S. † *e* 2 St. Nicholas pl.

|                                 |                              |                              |                                  |
|---------------------------------|------------------------------|------------------------------|----------------------------------|
| Palmer, R. M. † <i>e</i>        | Fort Lee                     | Patchin, N. E. † <i>ed</i>   | 519 W. 121                       |
| Panayotopoulos, E. N. <i>gr</i> | 660 Riverside dr.            | Paterno, A. J.               | S. A. T. C.                      |
| Panayotopoulos, P. N. <i>gr</i> | 660 Riverside dr.            | Paterson, R. † <i>b</i>      | 438 W. 116                       |
| Panhorst, N. E.                 | S. A. T. C.                  | Patten, B. L. † <i>e</i>     | Furnald                          |
| Panlasigui, I. <i>gr ed</i>     | 600 W. 122                   | Patterson, C. P. <i>gr</i>   | 435 W. 119                       |
| Panthen, K. A. <i>e</i>         | 79 W. 103                    | Patterson, L. † <i>pa</i>    | Whittier                         |
| Panuska, E. J. <i>e</i>         | 428 E. 77                    | Patterson, R. C.             | S. A. T. C.                      |
| Papai, M. <i>e</i>              | 1245 Madison ave.            | Patterson, R. L.             | S. A. T. C.                      |
| Papcsy, F. <i>e</i>             | 1234 Chestnut, Roselle       | Patton, L. L. † <i>e</i>     | 435 W. 119                       |
| Pape, C. F. <i>e</i>            | 2608 Briggs ave.             | Patton, M. H. † <i>gr ed</i> | 195 E. 163                       |
| Paperno, L. A. <i>e</i>         | 55 Liberty                   | Patton, R. C. † <i>ed</i>    | 435 W. 119                       |
| Paquette, G. T. <i>e</i>        | 75 Seventh ave.              | Paul, G. † <i>gr ed</i>      | 316 Union, Hackensack            |
| Paquette, R. O. <i>e</i>        | 75 Seventh ave.              | Paul, H. E. † <i>ed</i>      | 351 E. 74                        |
| Parent, A. K.                   | S. A. T. C.                  | Paul, I. <i>e</i>            | 960 Prospect ave.                |
| Paret, A. <i>e</i>              | 25 E. 26                     | Paul, J. H.                  | S. A. T. C.                      |
| Park, D.                        | 362 Van Houten ave., Passaic | Paul, Sister Mary <i>pa</i>  | St. Vincent's Hospital           |
| Park, J. C. <i>c</i>            | S. Broadway, Nyack           | Pauli, W. F.                 | S. A. T. C.                      |
| Parke, N. A. † <i>e</i>         | 539 Greene ave., Bklyn.      | Paulin, F. M. † <i>pa</i>    | 169 Broad ave., Leonia           |
| Parker, A.                      | S. A. T. C.                  | Paull, G. B. <i>e</i>        | 510 W. 113                       |
| Parker, A. D. <i>m</i>          | 26 W. 61                     | Paulonis, J. F. <i>m</i>     | 454 Grand, Bklyn.                |
| Parker, A. J. <i>m</i>          | 190 Hancock, Bklyn.          | Paulsen, J. J.               | S. A. T. C.                      |
| Parker, C. L. † <i>gr ed</i>    | 420 W. 119                   | Paulson, E. F. † <i>pa</i>   | 182 Woodworth ave., Yonkers      |
| Parker, C. M. † <i>ed</i>       | 519 W. 121                   | Pawley, R. <i>e</i>          | 64 E. 86                         |
| Parker, E. H.                   | S. A. T. C.                  | Paxton, G. C. † <i>gr ed</i> | Furnald                          |
| Parker, E. P.                   | S. A. T. C.                  | Payne, R. M. † <i>pa</i>     | 500 W. 122                       |
| Parker, H. I. † <i>e</i>        | 509 W. 122                   | Payor, H. B.                 | S. A. T. C.                      |
| Parker, J. S.                   | Naval Unit                   | Pazandak, M. A. † <i>pa</i>  | Furnald                          |
| Parker, W.                      | S. A. T. C.                  | Pearce, C. C.                | S. A. T. C.                      |
| Parmet, A. A. <i>e</i>          | 830 Cauldwell ave.           | Pearce, C. C.                | S. A. T. C.                      |
| Parmet, M. M.                   | S. A. T. C.                  | Pearce, D. S. † <i>pa</i>    | 540 W. 122                       |
| Parnass, H. B. † <i>e</i>       | 51 E. 97                     | Pearce, H. E. † <i>gr ed</i> | 274 Park, Hackensack             |
| Parodi, R. A.                   | S. A. T. C.                  | Pearlman, A. <i>e</i>        | 1725 Anthony ave.                |
| Parra, P. L. <i>l</i>           | 356 W. 145                   | Pearlman, R. † <i>e</i>      | 326 Audubon ave.                 |
| Parremore, W. E. <i>e</i>       | 46 Cedar                     | Pearson, G. K. † <i>e</i>    | 56 Morris, Yonkers               |
| Parson, A. T. L. † <i>gr</i>    | 925 Park ave.                | Pearson, H. W. † <i>e</i>    | 452 Riverside dr.                |
| Parsons, L. † <i>gr</i>         | 99 Park ave.                 | Pearson, S. M. † <i>e</i>    | 324 E. 123                       |
| Parsons, M. C. † <i>gr ed</i>   | 334 W. 36                    | Pease, R. A. † <i>pa</i>     | 523 W. 121                       |
| Parsons, S. <i>e</i>            | 11 McDonough, Bklyn.         | Peck, A. C. † <i>e</i>       | 122 Main, Hackensack             |
| Partrick, C. D. <i>ed</i>       | Elizabeth                    | Peck, E. M. † <i>e</i>       | 122 Main, Hackensack             |
| Partridge, M. H., Jr.           | S. A. T. C.                  | Peck, F. E. † <i>pa</i>      | Whittier                         |
| Pascal, C. H. † <i>e</i>        | 312 Haven ave.               | Peck, G.                     | S. A. T. C.                      |
| Pascal, R. L. † <i>e</i>        | 37 W. 97                     | Peck, S. M. <i>c</i>         | 566-7th, Bklyn.                  |
| Pascal, V. <i>c</i>             | 312 Haven ave.               | Pecker, M. E.                | S. A. T. C.                      |
| Paschkes, M. F.                 | S. A. T. C.                  | Peckman, H. <i>ph</i>        | 640 Communipaw ave., Jersey City |
| Passloff, A. O.                 | S. A. T. C.                  | Pedersen, L. C. † <i>e</i>   | 209 W. 109                       |
| Passmore, S. F. † <i>pa</i>     | 106 Morningside dr.          | Pellens, A. F.               | S. A. T. C.                      |
| Pasvolsky, F. † <i>gr</i>       | 31 E. 7                      | Peller, P.                   | S. A. T. C.                      |
| Pasvolsky, V.                   | S. A. T. C.                  | Pellicer, C. <i>e</i>        | 63 Wall                          |
| Pataloff, A. L. <i>c</i>        | 73 Second ave.               | Pellini, E. M. † <i>e</i>    | 3 E. 53                          |



Pelton, M. † *pa* 416 W. 122  
 Peltzman, H. *ph* 224 E. 11  
 Pember, N. B. † *e* Bergenfield  
 Pembleton, E. G. † *e* 96 Pleasant pl., Arlington  
 Pencharz, I. R. *e* 307 Pennsylvania ave., Bklyn.  
 Pendergast, C. C. † *e* 154 W. 106  
 Pendleton, D. I. † *ed* 149 W. 117  
 Pendleton, E. S. A. T. C.  
 Pendleton, G. L. V. *c* 237 Claremont ave., Mt. Vernon  
 Penman, J. † A. S. N.  
 Penn, A. N. S. A. T. C.  
 Penn, P. W. *gr* 509 W. 112  
 Penny, E. E. † *pa* Whittier  
 Penrose, D. E. † *e* 120 Broadway  
 Peper, J. L. Naval Unit  
 Peratt, C. O. *gr* 412 W. 115  
 Perault, K. I. † *e* 415 W. 118  
 Perceval, C. A. † *e* 430 N. Broadway, Yonkers  
 Perez, G. O. *e* 536 W. 145  
 Peri, A. *mec* c/o Peruvian Consulate  
 Perkins, H. L. † *e* 537-1st, Bklyn.  
 Perkins, J. U. S. A. T. C.  
 Perkins, M. † *pa* 2940 Broadway  
 Perkins, O. P. *c* 828 St. Nicholas ave.  
 Perla, D. *c* 324 Decatur, Bklyn.  
 Perlman, M. † *e* 949 Fox  
 Perlman, W. J. *e* 77 Bay 29th, Bklyn.  
 Perret, E. *e* 92 Liberty  
 Perrine, C. † *e* 154 W. 73  
 Perrone, F. L. *m* 4 W. 113  
 Perry, B. † *e* 257 W. 104  
 Perry, D. S. *e* 531 W. 113  
 Perry, G. M. † *ed* 16 Ash, Flushing  
 Persky, A. M. *m* 923 Kings Highway, Bklyn.  
 Pesez, A. S. A. T. C.  
 Peskowitz, D. S. A. T. C.  
 Peskowitz, S. S. A. T. C.  
 Peters, A. R. † *pa* 78 W. 55  
 Peters, D. E. † *pa* 106 Morningside dr.  
 Peters, F. H. *m* 314 W. 99  
 Peters, F. N. † *e* 165 Lexington ave., Passaic  
 Peters, K. H. † *b* 126 Claremont ave.  
 Peters, L. M. † *b* 227 W. 99  
 Peters, M. † *b* Brooks  
 Petersen, C. C. † *e* 150 Gordon, Perth Amboy  
 Petersen, E. M. † *gr* 547 W. 123

Petershagen, E. M. † *e* 68 Saratoga ave., Yonkers  
 Peterson, A. † *b* 248 Fillmore, New Brighton, S. I.  
 Peterson, A. † *e* 463 Central Park W.  
 Peterson, A. E. † *e* 463 Central Park W.  
 Peterson, E. C. † *e* 164-11th, Long Island City  
 Peterson, M. C. E. † *b* 564-56th, Bklyn.  
 Petrone, V. L. † *e* 223 Bleecker  
 Petrucci, M. Y. *ph* 643 Grand ave., New Haven, Conn.  
 Petruzzi, A. S. A. T. C.  
 Petruzzi, H. R. *c* Bronxville  
 Petry, F. M. † *e* 6 Gould ave., Newark  
 Petry, M. L. *e* 1887 Cedar ave.  
 Petschek, W. J. S. A. T. C.  
 Pettersen, P. G. Naval Unit  
 Petty, M. B. † *e* 890 West End ave.  
 Peyser, T. † *e* 460 E. 141  
 Pfaltz, M. H. † *b* 142 W. 119  
 Pfeil, A. V. *e* 813 Washington, Hoboken  
 Pfeil, E. E. *e* 101 Park ave.  
 Pfitzner, C. P. S. A. T. C.  
 Phelan, R. E. *gr* 114 Morningside dr.  
 Phelps, E. M. † *e* 244 W. 103  
 Phelps, F. † *gr* 70 W. 49  
 Phelps, H. E. † *ed* 503 W. 121  
 Phelps, G. W. S. A. T. C.  
 Philduis, G. P. S. A. T. C.  
 Philgus, F. S. A. T. C.  
 Philippson, J. S. S. A. T. C.  
 Phillips, H. *e* 1323 Lincoln pl., Bklyn.  
 Phillips, A. † *pa* Whittier  
 Phillips, B. L. † *ed* Summit, N. J.  
 Phillips, C. *e* 99 Central ave., Bklyn.  
 Phillips, C. E. *bu* 538 W. 57  
 Phillips, E. K. † *gr ed* 252 W. 85  
 Phillips, G. M. † *b* 35 Riverside dr.  
 Phillips, L. *e* Morse Dry Dock, 56th, Bklyn.  
 Phillips, S. *e* 163 E. 114  
 Phinney, C. B. † *pa* 90 Morningside dr.  
 Phipps, M. E. † *pa* Roselle, N. J.  
 Phoebus, E. D. † *e* 1569 W. 3rd, Bklyn  
 Piatt, E. R. † *e* 561 W. 141  
 Piatt, H. S. *gr* 561 W. 141  
 Pichardo, C. M. † *ph* 725 Riverside dr.  
 Pick, R. L. † *e* 680 West End ave.  
 Pick, T. † *e* 41 E. 72  
 Picken, J. M. † *e* Furnald  
 Pickett, P. C. † *e* Malverne

|                               |                               |                             |                                 |
|-------------------------------|-------------------------------|-----------------------------|---------------------------------|
| Pickhardt, P. M. † <i>b</i>   | 43-6th, N. Pelham             | Platt, A. † <i>pa</i>       | 210 W. 110                      |
| Pider, M. Z. † <i>gr ed</i>   | 414 W. 118                    | Platt, C. W.                | S. A. T. C.                     |
| Piedmonte, C. F.              | S. A. T. C.                   | Platzker, J. <i>e</i>       | 38 Stuyvesant                   |
| Piel, A. H. † <i>b</i>        | 606 W. 116                    | Plaut, R. L. <i>c</i>       | 150 W. 79                       |
| Pierce, E. T. <i>c</i>        | Hawthorne, N. Y.              | Playnick, M. <i>e</i>       | 3324 Mermand ave., Bklyn        |
| Pierce, F. L. † <i>ed</i>     | 435 W. 119                    | Plein, L. N.                | S. A. T. C.                     |
| Pierce, K. † <i>e</i>         | 503 W. 121                    | Plessner, M. <i>e</i>       | 226 Madison                     |
| Pierce, M. E. † <i>ed</i>     | 430 W. 118                    | Plitt, W. I.                | S. A. T. C.                     |
| Pierce, M. L. † <i>e</i>      | 81 Elliott ave., Yonkers      | Ploetner, F. M. <i>e</i>    | 555 W. 151                      |
| Piersall, C. E. † <i>b</i>    | 4059 Lowerre pl.              | Plog, L. A. † <i>e</i>      | 551 Pavonia ave., Jersey City   |
| Pierson, S. <i>c</i>          | 133 Herkimer, Bklyn.          | Plotkin, B. <i>gr</i>       | 578 Cleveland, Bklyn.           |
| Pietaro, M. J.                | S. A. T. C.                   | Plumb, M. G. † <i>gr</i>    | 149 E. 39                       |
| Pieters, A. J. † <i>gr</i>    | Whittier                      | Plumb, W. G. <i>e</i>       | 417 Chilton, Elizabeth          |
| Pikaart, L. G.                | S. A. T. C.                   | Plunkett, G. A. † <i>e</i>  | 70 Morningside dr.              |
| Pike, F. S. † <i>pa</i>       | 453 W. 155                    | Podesta, M. E. † <i>e</i>   | 927 Hudson, Hoboken             |
| Pill, E.                      | S. A. T. C.                   | Poel, H. † <i>e</i>         | 190 Riverside dr.               |
| Pilling, E. † <i>gr ed</i>    | St. Luke's Hospital           | Poffe, L. † <i>e</i>        | 10 W. 28                        |
| Pillot, A. † <i>e</i>         | 909 Beck                      | Pohlmann, H. F. <i>m</i>    | 35 W. 84                        |
| Piloff, E. † <i>e</i>         | 764 Greene ave., Bklyn.       | Poillon, E. A. † <i>e</i>   | 519 W. 121                      |
| Pina, R. <i>e</i>             | 501-5th                       | Poirot, B. M. † <i>e</i>    | 64 E. 94                        |
| Pinatel, E. L. † <i>e</i>     | 395 E. 32, Paterson           | Polachek, S. H. <i>e</i>    | 1271 Hoe ave.                   |
| Pinatel, J. A. <i>e</i>       | 395 E. 32, Paterson           | Polk, A.                    | S. A. T. C.                     |
| Pinckney, C. H.               | S. A. T. C.                   | Pollak, E. † <i>pa</i>      | 323 W. 83                       |
| Pincus, J. <i>m</i>           | 261 Riverdale ave., Bklyn.    | Pollak, I. D. <i>e</i>      | 333 E. 84                       |
| Pindar, M. L. † <i>b</i>      | 510 W. 123                    | Pollard, H. B.              | S. A. T. C.                     |
| Pine, M.                      | S. A. T. C.                   | Pollock, I. H. <i>ph</i>    | 657 Flatbush ave., Bklyn.       |
| Pine, M. B. † <i>e</i>        | Emerson Hill                  | Pomerantz, B. M. † <i>e</i> | 154 Heyward, Bklyn.             |
| Pines, D. † <i>e</i>          | 1370 Boston rd.               | Pomeroy, L. † <i>e</i>      | 12 E. 95                        |
| Pines, L. <i>e</i>            | 167 Academy, Long Island City | Pond, W. H.                 | S. A. T. C.                     |
| Pinger, L. M. † <i>gr ed</i>  | Furnald                       | Ponemon, I. W. <i>m</i>     | 453 Graham ave., Bklyn.         |
| Pink, J. <i>ph</i>            | 121-3rd, Passaic              | Pons, A. A. † <i>e</i>      | 1430 University ave.            |
| Pinkus, L. J. <i>c</i>        | 352 W. 117                    | Pontecorvo, L.              | S. A. T. C.                     |
| Pinkusohn, E. † <i>e</i>      | Furnald                       | Pool, C. H., Jr.            | S. A. T. C.                     |
| Pinney, M. M. † <i>e</i>      | 57 Crescent ave., Grantwood   | Poole, A. A. † <i>e</i>     | 57 W. 53                        |
| Pino, S. M. <i>e</i>          | 346 Broadway                  | Pooler, L. G.               | S. A. T. C.                     |
| Pinski, H.                    | S. A. T. C.                   | Poor, M. V. † <i>gr ed</i>  | 172 College ave., New Brunswick |
| Pinto, A. DaC. <i>e</i>       | 69 Wall                       | Pope, H. W.                 | S. A. T. C.                     |
| Piper, K. B.                  | S. A. T. C.                   | Pope, R. † <i>b</i>         | Brooks                          |
| Pirnie, J. A.                 | Naval Unit                    | Pope, R. B.                 | S. A. T. C.                     |
| Pirone, F. P.                 | S. A. T. C.                   | Popereff, A. P. <i>e</i>    | 563 W. 150                      |
| Pirosnick, B.                 | S. A. T. C.                   | Popkin, L. S.               | Naval Unit                      |
| Pisani, A. A.                 | S. A. T. C.                   | Popovich, T.                | S. A. T. C.                     |
| Pittaro, E. H. † <i>e</i>     | 1614 Van Buren                | Popper, L. E. <i>c</i>      | 1242 Madison ave.               |
| Pittman, M. S. † <i>gr ed</i> | 547 W. 123                    | Porte, D. <i>e</i>          | Corona                          |
| Pivarnick, D. † <i>e</i>      | 235 W. 111                    | Porter, A. S. † <i>e</i>    | 29 E. 29                        |
| Place, M. C. † <i>e</i>       | 2755 Boulevard, Jersey City   | Porter, E. † <i>e</i>       | 163 W. 80                       |
| Place, O. E. † <i>gr</i>      | Furnald                       |                             |                                 |
| Plante, A. A.                 | S. A. T. C.                   |                             |                                 |
| Plate, H. W.                  | Naval Unit                    |                             |                                 |

|                                          |                                |                                           |                                   |
|------------------------------------------|--------------------------------|-------------------------------------------|-----------------------------------|
| Porter, E. L. $\dagger b$                | 161 W. 75                      | Preiser, T. H. $e$                        | 308 W. 116                        |
| Porter, F. $\dagger e$                   | 622 W. 113                     | Preisman, A. $c$ 613 Baker ave., Van Nest |                                   |
| Porter, R. B. $e$                        | 404 W. 115                     | Prendergast, I. H. $\dagger pa$           |                                   |
| Porter, R. E. $\dagger e$                | Whittier                       |                                           | 154 S. Portland ave., Bklyn.      |
| Porter, S. C. $\dagger e$                | 63 State, Hackensack           | Prentiss, G. D. $c$                       | Croton-on-Hudson                  |
| Porter, S. C. $\dagger e$                | 622 W. 113                     | Prentiss, H. $\dagger gr$                 | 98 Morningside ave.               |
| Portoghese, P. $ph$                      | 230 E. 114                     | Press, A. $ph$                            | 1336 Brook ave.                   |
| Portrey, H. $\dagger$                    | A. S. N.                       | Pribnow, H. $\dagger pa$                  | Furnald                           |
| Portugal, M. $ph$                        | 186 E. 116                     | Price, A. P. $\dagger e$                  | Newton, N. J.                     |
| Post, E. L. $gr$                         | 280 Manhattan ave.             | Price, E. B. $\dagger e$                  | 362 W. 119                        |
| Post, F. B.                              | Naval Unit                     | Price, G. F. $e$                          | 1366 Park pl.                     |
| Post, J. J. $m$                          | Edsall blvd., Palisade Pk.     | Price, H. E.                              | S. A. T. C.                       |
| Potter, D. L. $\dagger b$                | Brooks                         | Price, H. H. $\dagger pa$                 | Whittier                          |
| Potter, E. M. $\dagger pa$               | 416 W. 122                     | Price, I. I.                              | S. A. T. C.                       |
| Potter, G. $\dagger ed$                  | 66 W. 9                        | Price, T. E. $\dagger e$                  | 600 W. 113                        |
| Potter, G. N. $e$                        | 318 W. 57                      | Prichard, M. D. $\dagger gr ed$           | Furnald                           |
| Potter, G. S.                            | S. A. T. C.                    | Prichard, N. $\dagger gr ed$              | Furnald                           |
| Potter, H. R. $\dagger e$                | 606 W. 113                     | Pride, C. E. $\dagger ed$                 | Roslyn, L. I.                     |
| Potter, M. E. $\dagger gr$               | 610 W. 116                     | Priest, E. $\dagger pa$                   |                                   |
| Potter, M. E. $\dagger e$                | 434 W. 120                     |                                           | 72 Burnet, Maplewood, N. J.       |
| Potter, R. F.                            | S. A. T. C.                    | Prigge, L. A. $\dagger pa$                |                                   |
| Potter, T. I. $e$                        | 604 W. 112                     |                                           | 550 Germania ave., Jersey City    |
| Pottle, V. L.                            | S. A. T. C.                    | Prigohzy, A.                              | S. A. T. C.                       |
| Potwine, M. A. $\dagger ed$              | Whittier                       | Prince, H. C. $\dagger b$                 | Brooks                            |
| Poulin, F. M. $\dagger e$                | 28 W. 63                       | Prince, M. $ph$                           | 180 Bay 31st, Bklyn               |
| Poull, L. E. $\dagger gr ed$             | 100 Morningside dr.            | Prince, M. V. $\dagger e$                 | 41 Convent ave.                   |
| Pounder, W. H.                           | S. A. T. C.                    | Prince, N. G. $\dagger pa$                | 12 W. 36                          |
| Pounds, M. $\dagger e$                   | 90 Pierrepont, Bklyn.          | Pritchard, T. H. $e$                      | 117 W. 89                         |
| Poulsen, P. K.                           | S. A. T. C.                    | Pritchett, M. M. $\dagger pa$             | Whittier                          |
| Powell, E. $\dagger gr ed$               | 135 E. 52                      | Probst, N., Jr. $l$                       | 55 St. Mark's pl.                 |
| Powell, J. M. $\dagger b$                | 349 West End ave.              | Proctor, B. F.                            | S. A. T. C.                       |
| Powell, M. E. $\dagger pa$               |                                | Proffitt, H. W.                           | S. A. T. C.                       |
|                                          | 54 S. Seventh ave., Mt. Vernon | Proper, M. LeG. $c$                       |                                   |
| Powell, N. H. $\dagger gr$               | 106 Morningside dr.            |                                           | 30 Albutis ave., Corona           |
| Powell, N. W.                            | S. A. T. C.                    | Prosser, R. D. $c$                        | 429 W. 117                        |
| Powell, R. M.                            | S. A. T. C.                    | Proteau, O. M. $\dagger e$                | 426 E. 26                         |
| Powers, A. C. $\dagger e$                | 345 W. 70                      | Proudfit, N. H. $\dagger e$               | 404 W. 115                        |
| Powers, B. $\dagger j$                   | Furnald                        | Proudfoot, P. A. $gr ed$                  |                                   |
| Powers, E. J. $e$                        | 381 Bleeker                    |                                           | 406 Summit ave., Westfield, N. J. |
| Powers, L. K. $\dagger pa$               | Whittier                       | Proudman, E. D. $\dagger e$               | 151 W. 61                         |
| Powers, M. E. $\dagger pa$               | Whittier                       | Pruzansky, F. $\dagger e$                 | 60 Second ave.                    |
| Powlas, A. P. $\dagger ed$               | 514 W. 122                     | Pryor, D. D. $\dagger pa$                 | Whittier                          |
| Powsner, A.                              | S. A. T. C.                    | Puck, A. E. $\dagger e$                   | 2659 Marion ave.                  |
| Prager, W. H.                            | Naval Unit                     | Puddington, D. K. $\dagger pa$            | Whittier                          |
| Pratt, F. J. $\dagger e$                 | Whittier                       | Pudney C. E. $\dagger e$                  |                                   |
| Pratt, G. K. $\dagger pa$                | Whittier                       |                                           | 57 S. Fullerton ave., Montclair   |
| Pratt, M. $\dagger e$                    | 57 E. 74                       | Puerschner, O. $\dagger b$                | 1986 Madison ave.                 |
| Pratt, S. E.                             | Naval Unit                     | Pugh, C.                                  | S. A. T. C.                       |
| Pray, S. A. $\dagger e$                  | 2039 Washington ave.           | Pugh, H. R.                               | S. A. T. C.                       |
| Precht, H. $c$ 435 Tompkins ave., Bklyn. |                                | Pugh, J. H.                               | Naval Unit                        |
| Preece, J. G. $\dagger pa$               | 100 Morningside dr.            | Pugh, W. E.                               | Naval Unit                        |
| Preece, M. $\dagger gr$                  | 100 Morningside dr.            | Pulaski, E. W.                            | S. A. T. C.                       |
| Preger, S.                               | S. A. T. C.                    | Pulver, B. E. $e$                         | 1709-2nd                          |

- Pulver, K. E. † *pa* Furnald  
 Purcell, G. F. † *e* 1115 E. 10, Bklyn.  
 Purcell, I. † *e* 765 Williams ave., Bklyn.  
 Purcell, M. A. † *e* 70 Saratoga ave., Yonkers  
 Purdy, C. H. † *e* 29 E. 29  
 Purdy, H. † A. S. N.  
 Purmal, K. *e* 1060 Kelly  
 Purnell, L. R. † *e* Palisade  
 Putterman, H. *e* 105 S. 8, Bklyn.  
 Pyle, E. E. † *gr ed* 135 E. 52  
 Pyle, J. T. † *ed* 37 Charlton  
 Pyle, R. J. *c* 125 Franklin ave., Mt. Vernon  
 Quackenbush, E. L. † *e* 201 Midland ave., E. Orange  
 Quaid, I. D. S. A. T. C.  
 Quat, A. S. A. T. C.  
 Quattlender, M. A. † *e* 308 E. 169  
 Quattrocchi, W. R. Naval Unit  
 Quazza, S. † *e* 604 W. 125  
 Quick, P. A. S. A. T. C.  
 Quilliard, M. J. † *ed* 503 W. 121  
 Quilty, G. C. † *e* 128 W. 74  
 Quimby, H. † *ed* 211 Passaic, Hackensack  
 Quinn, G. C. † *pa* 106 Morningside dr.  
 Quinn, M. † *e* 41 W. 83  
 Quinn, M. F. † *e* 271 Ft. Washington ave.  
 Quintard, D. † *pa* Whittier  
 Quisumbing, F. *gr* 500 W. 122  
 Quortrup, R. C. S. A. T. C.  
 Quortrup, W. S. A. T. C.  
 Rabasa, E., Jr. *a* 542 W. 112  
 Rabbach, R. † *pa* 950 Aldus  
 Rabe, E. V. † *b* 348 E. 23, Bklyn.  
 Rabin, C. B. *m* 332 E. 17  
 Rabinovich, A. † *e* 320 W. 86  
 Rabinowitz, W. *m* 58 E. 94  
 Rabinowitz, B. A. *gr* 161 E. 96  
 Rabinowitz, C. *c* 4562 Jamaica ave., Richmond Hill  
 Rabinowitz, J. S. S. A. T. C.  
 Rabinowitz, L. Naval Unit  
 Rabinowitz, M. *e* 185 Monroe  
 Rabold, T. F. † *e* 67 Hauxhurst ave., Weehawken  
 Rabus, M. *gr ed* 138 E. 16  
 Race, O. McC. *c* 89 Boyd, Stapleton, N. Y.  
 Radcliff, C. A. † *gr ed* 54 Post, Yonkers  
 Radcliff, P. E., Jr. Naval Unit  
 Rade, M. S. † *gr ed* 70 Morningside dr.  
 Radezky, B. F. S. A. T. C.  
 Radil, J. W. S. A. T. C.  
 Radin, G. *c* 16 Morningside ave.  
 Radin, L. I. *c* 647 Linwood, Bklyn.  
 Rae, A. M. † *gr ed* 34 Jefferson ave., Bklyn.  
 Raetzer, O. E. S. A. T. C.  
 Raff, L. *e* 214 Ninth ave.  
 Raftenberg, M. M. Naval Unit  
 Rafter, L. C. † *b* Pt. Washington  
 Rain, B. L. S. A. T. C.  
 Rakov, L. S. A. T. C.  
 Ralston, H. P. † *pa* 63 W. 45  
 Rambeau, J. † *e* 238 W. 49  
 Rambusch, V. F. E. S. A. T. C.  
 Ramsay, J. E. *e* 598-6th, Bklyn.  
 Ramsay, M. † *ed* 106 Morningside dr.  
 Randall, C. F. *ed* Ridgefield Park  
 Randall, E. M. † *pa* 415 W. 118  
 Randall, E. Y. S. A. T. C.  
 Randall, G. E. † *pa* 519 W. 121  
 Randall, J. H., Jr. *gr* 19 E. 126  
 Randall, L. † *gr ed* 401 W. 118  
 Randall, M. E. † *e* 326 Poplar, Roselle  
 Randall, M. R. † *b* 420 W. 119  
 Randall, V. K. † *e* 519 W. 121  
 Ranieri, H. E. † *e* 1416 Crotona Park East  
 Rankin, A. H. † *ed* 435 W. 123  
 Rankin, H. L. † *e* 56 Garrison ave., Jersey City  
 Ranney, E. S. † *pa* 503 W. 121  
 Ransohoff, N. S. *m* 308 W. 93  
 Ransom, I. M. † *e* Robert Fulton Hotel  
 Rapalje, L. C. † *e* 106 Morningside dr.  
 Rappaport, A. S. *c* 1381 Third ave.  
 Rappaport, B. *m* 1381-3rd  
 Rasch, E. *e* 24 W. 57  
 Rasey, D. † *pa* Whittier  
 Rashleigh, W. J. *gr* 414 W. 118  
 Raskas, J. R. *e* 9 Montgomery  
 Rasmussen, R. † *b* 867 W. 181  
 Rast, H. E. † *e* 109 W. 225  
 Rast, O. A. *e* 428 W. 20  
 Ratchford, A. M. † *b* 606 W. 116  
 Rathborne, I. E. † *b* 476 W. 143  
 Rathgeber, W. M. † *e* 18 William, E. Orange  
 Ratner, H. *c* 158 E. 113  
 Raub, J. † *pa* Rahway  
 Rauscher, A. M. † *gr ed* 698 Palisade ave., Grantwood  
 Ravitch, S. C. *e* 1312 Madison ave.  
 Rawlings, M. † *pa* 509 W. 122



Rawson, A. † *pa* Whittier  
 Rawson, M. P. † *b* Brooks  
 Ray, M. L. † *e* 119 W. 71  
 Raymond, D. N. † *gr* 430 W. 118  
 Raymond, H. *e* Hartley  
 Raymond, I. W. S. A. T. C.  
 Raymond, M. B. † *e* Hotel Ansonia  
 Raynes, A. F. *m* 348 W. 57  
 Raynor, A. T. † *b* Brooks  
 Raynor, A. W. † *gr ed* Leonia  
 Raynor, C. † *b*  
 64 Hawthorne pl., Montclair  
 Raynor, W. C. S. A. T. C.  
 Rayser, L. Z. † *ed*  
 271 Ft. Washington ave.  
 Read, M. H. † *pa* 455 W. 119  
 Reardon, J. A. † *b* Whittier  
 Rebhun, O. A. Naval Unit  
 Reder, F. † *b* 564 Fox  
 Redfern, M. L. † *pa*  
 1014 Hancock, Bklyn.  
 Redman, L. P. † *gr ed* 160 Claremont ave.  
 Rednick, M. S. *e* 1409 Prospect ave.  
 Reed, M. *m* 269 W. 12  
 Reed, M. A. † *pa* Whittier  
 Reed, R. † *e* 23 Salem, Hackensack  
 Reed, R. E. † *gr ed* 414 W. 121  
 Reed, T. L. *e* 74 E. 42  
 Reeid, N. E. S. A. T. C.  
 Reeser, M. E. † *e* 258 Riverside dr.  
 Reeve, H. R. † *e* Furnald  
 Reeve, J. G. † *e* Brooks  
 Refsum, J. Naval Unit  
 Regan, J. G. *l* 80 W. 120  
 Regan, M. † *e* 416 W. 122  
 Regensburger, I. P. S. A. T. C.  
 Reger, P. W. *e* Richmond Hill  
 Reh, J. † *pa* 527 W. 121  
 Reibstein, N. *e* 416 Miller ave., Bklyn.  
 Reich, B. H. S. A. T. C.  
 Reich, C. S. A. T. C.  
 Reich, M. S. A. T. C.  
 Reich, S. N. S. A. T. C.  
 Reich, S. W. S. A. T. C.  
 Reichenbach, B. H. † *ed* 345 W. 88  
 Reichhard, D. † *b* 480 Central Park West  
 Reichle, H. S. *c* 608 W. 189  
 Reichman, J. E. S. A. T. C.  
 Reid, A. F., Jr. S. A. T. C.  
 Reid, E. M. † *b*  
 44 N. Tenth ave., Mt. Vernon  
 Reid, I. † *e* 2201 University ave.  
 Reid, K. † *e* 3285 Broadway

Reid, P. H. † *b*  
 107 Columbia Heights, Bklyn.  
 Reid, R. † *ed* 135 E. 52  
 Reidy, K. L. † *gr ed* 169 E. 90  
 Reiffert, F. A. *e* 505 W. 150  
 Reiffel, I. S. A. T. C.  
 Reifler, E. B. † *e* 434 E. 148  
 Reigart, I. S. † *pa* 501 W. 121  
 Reilly, L. T. † *gr ed*  
 215 Elizabeth ave., Elizabeth  
 Reilly, M. † *e* 300 Manhattan ave.  
 Reilly, M. E. † *e* 104 W. 49  
 Reilly, M. J. † *e* 300 Manhattan ave.  
 Reilly, P. F. *e* 153-83rd, Bklyn.  
 Reimer, E. H. *e* 440 Riverside dr.  
 Reiner, M. † *pa* 856 W. 180  
 Reinheimer, H. Naval Unit  
 Reinhold, W. *e* 14 W. 100  
 Reismann, G. Naval Unit  
 Reinstein, V. P. S. A. T. C.  
 Reiss, E. S. A. T. C.  
 Reiss, J. *e* 242 W. 112  
 Reiss, J. *e* 462 Neptune ave.  
 Reiter, J. *ph* 944 E. 165  
 Relyea, J. W. *e* 919 E. 10, Bklyn.  
 Remick, L. M. † *pa* Whittier  
 Rennie, H. A. † *pa* Furnald  
 Rentner, I. S. *e* 1834 Crotona ave.  
 Repin, W. R. *m* 437 W. 59  
 Requa, F. L. † *pa* Tarrytown  
 Ressa, A. *e* 2434 Cambreling ave.  
 Ressmeyer, G. H. † *b* 348 W. 122  
 Retner, B. A. † *e* 519 Barbey, Bklyn.  
 Rettenberg, M. J. Naval Unit  
 Reutershan, A. D. S. A. T. C.  
 Reynolds, A. † *gr ed* 106 Morningside dr.  
 Reynolds, C. C. † *b*  
 137 Carteret ave., Jersey City  
 Reynolds, G. † *ed* 417 W. 120  
 Reynolds, G. S. *m*  
 78 Ridgewood ave., Glen Ridge  
 Reynolds, I. † *b*  
 182 Scarsdale ave., Tuckahoe  
 Reynolds, M. C. † *e*  
 Latham Tract, New Brunswick  
 Reynolds, M. P. † *ed*  
 186 Stewart ave., Arlington  
 Rezmikoff, C. S. A. T. C.  
 Rhett, E. L. † *e* 18 W. 25  
 Rhoades, D. † *b* 27 N. 15, Flushing  
 Rhoads, D. M. † *e* 15 W. 67  
 Rhodebeck, E. J. *m*  
 10 Cypress ave., Flushing

- Rhodes, B.  $\dagger e$  519 W. 121  
 Rhone, C. E.  $\dagger e$  119 Lincoln, Passaic  
 Rhone, M.  $\dagger e$  119 Lincoln, Passaic  
 Rhyon, C.  $e$  32 Chester, Bklyn.  
 Riblet, M. V.  $\dagger gr ed$  106 E. 52  
 Riccio, P. M. S. A. T. C.  
 Rice, D. E.  $\dagger b$  210 W. 72  
 Rice, H. O.  $\dagger e$  420 W. 119  
 Rice, I. L. J.  $e$  225 W. 86  
 Rice, M.  $\dagger pa$  12 E. 87  
 Rice, M.  $\dagger gr$  12 E. 87  
 Rice, V. F.  $\dagger e$  W. 86 and Broadway  
 Rice, W. J. A. S. A. T. C.  
 Rich, C. F. S. A. T. C.  
 Rich, F. M.  $ed$  133 Walnut, Paterson  
 Rich, G. E.  $\dagger pa$  Furnald  
 Richard, A. M.  $\dagger e$  230 W. 97  
 Richards, O. V. S. A. T. C.  
 Richards, W. S. A. T. C.  
 Richards, W. F.  $e$  Denville  
 Richardson, A. W., Jr. S. A. T. C.  
 Richardson, C.  $\dagger e$  420 W. 118  
 Richardson, E. E.  $\dagger ed$  53 Early, Morristown  
 Richardson, G. L.  $m$  437 W. 59  
 Richardson, L. B.  $e$  104 Fulton ave., Hudson Heights  
 Richardson, M. R.  $\dagger e$  Ardsley  
 Richardson, W.  $\dagger e$  575 West End ave.  
 Richart, M. E.  $\dagger pa$  312 Chilton, Elizabeth  
 Richel, M.  $e$  6316 Eighteenth ave., Bklyn.  
 Richey, M. C.  $\dagger b$  325 W. 22  
 Richie, M. J.  $\dagger pa$  105 St. James pl., Bklyn.  
 Richman, C. R.  $\dagger e$  1043 Tinton ave.  
 Richman, H.  $c$  1063 DeKalb ave., Bklyn.  
 Richmond, F. M.  $e$  357 W. 119  
 Richter, M. N.  $m$  1019 Trinity ave.  
 Richter, R.  $\dagger gr$  1393 Stebbins ave.  
 Rickenbacker, R. J. S. A. T. C.  
 Ricker, E. D.  $\dagger pa$  106 Morningside dr.  
 Ricker, M. W.  $\dagger e$  616 W. 116  
 Ridder, B. H.  $e$  876 Park ave.  
 Ridder, O. H.  $\dagger e$  876 Park ave.  
 Riddick, M. A.  $\dagger pa$  Whittier  
 Ridenbaugh, R. R. S. A. T. C.  
 Rider, S. H. S. A. T. C.  
 Ridley, H. E.  $\dagger pa$  622 W. 135  
 Ridley, O. U. S. A. T. C.  
 Riedkozoob, R. A.  $m$  362 W. 52  
 Riehle, C. M.  $\dagger e$  23 Tichenor
- Riehm, W. G. S. A. T. C.  
 Ries, H. B.  $\dagger e$  33 W. 58  
 Rigden, E. J.  $\dagger pa$  Whittier  
 Riggs, L. Y.  $\dagger gr ed$  135 E. 52  
 Riker, D. B. S. A. T. C.  
 Riker, F. T.  $\dagger pa$  206 Madison ave.  
 Riley, J. A. S. A. T. C.  
 Riley, O.  $\dagger b$  414 W. 120  
 Riley, R. E.  $\dagger pa$  414 W. 120  
 Rinaldi, F. A.  $ph$  1362-64th, Bklyn.  
 Rinaud, M. B.  $\dagger e$  601 W. 181  
 Rinehart, Mrs. C. O.  $\dagger e$  130 Claremont ave.  
 Ring, S. W.  $ph$  1226 Boston rd.  
 Rini, N.  $e$  53 Coles, Bklyn.  
 Rinzler, J. Naval Unit  
 Rios, L. R. S. A. T. C.  
 Riquelme, C.  $e$  614 W. 136  
 Risch, C. H. S. A. T. C.  
 Risedorph, M.  $\dagger e$  1151 Dean, Bklyn.  
 Rishin, S.  $e$  1322 S. Boulevard  
 Rissinger, M. W.  $\dagger b$  600 W. 116  
 Rissland, L. Q.  $\dagger b$  Brooks  
 Ritchey, Mrs. E. N.  $\dagger e$  430 W. 118  
 Ritchie, A. H.  $e$  2574 Bedford ave.  
 Ritchie, B.  $\dagger pa$  471 Central Park West  
 Rittenberg, R.  $\dagger e$  322 Passaic, Passaic  
 Ritter, E.  $\dagger e$  2136 La Fontaine ave.  
 Ritter, L. J.  $e$  1240 Tinton ave.  
 Ritterbusch, W. B. S. A. T. C.  
 Ritti, M. M.  $\dagger e$  521 E. 84  
 Rivelson, L. T.  $\dagger gr$  690 Georgia ave., Bklyn.  
 Rivens, A. S. A. T. C.  
 Rivera, G.  $j$  Columbia University  
 Rivkin, H. B.  $\dagger b$  305 W. 114  
 Rivlin, S.  $gr$  3 W. 119  
 Rizzo, J. Naval Unit  
 Rizzolo, G. S. S. A. T. C.  
 Robb, D. A.  $\dagger b$  130 Claremont ave.  
 Robb, J. H.  $\dagger b$  35 E. 64  
 Robbins, A. L. Naval Unit  
 Robbins, B. F.  $m$  437 W. 59  
 Robbins, I. S. A. T. C.  
 Robbins, J. M.  $c$  601 W. 112  
 Robbins, R. W.  $\dagger e$  64 W. 104  
 Roberson, E. W.  $\dagger e$  200 Fifth ave.  
 Roberts, A.  $\dagger pa$  540 W. 122  
 Roberts, A. E.  $e$  149 Broadway  
 Roberts, A. F.  $\dagger e$  56 Hamilton terr.  
 Roberts, D. M.  $\dagger pa$  Read ave., Crestwood, N. Y.  
 Roberts, A. E. S. A. T. C.

Roberts, E. H. † *e* Hotel Ansonia  
 Roberts, F. A. *e* 438 W. 20  
 Roberts, F. J. Naval Unit  
 Roberts, G. H. *e* Livingston  
 Roberts, G. H. *m* 35 W. 84  
 Roberts, H. H. † *e* 416 W. 122  
 Roberts, J. L. † *pa* Whittier  
 Roberts, S. G. S. A. T. C.  
 Robertson, C. A. *c* 315 Central Park West  
 Robertson, C. B. † *e* 55th and 7th  
 Robertson, C. D. † *e* 541 E. 78  
 Robertson, D. C. S. A. T. C.  
 Robertson, J. S. S. A. T. C.  
 Robertson, H. E. † *pa* Whittier  
 Robinson, A. A. S. A. T. C.  
 Robinson, A. E. † *gr ed* 70 Irving pl.  
 Robinson, A. M. † *e* 348 W. 48  
 Robinson, A. T. S. A. T. C.  
 Robinson, E. M. † *e* 326 Poplar, Roselle  
 Robinson, G. F. † *e* Bronxville  
 Robinson, H. S. *e* 218 W. 113  
 Robinson, J. M. S. A. T. C.  
 Robinson, M. A. † *e* 110 Morningside dr.  
 Robinson, M. L. † *e* Bronxville  
 Robinson, M. S. *m* 16 E. 110  
 Robinson, O. G. † *e* 29 W. 82  
 Robinson, R. † *pa* 527 W. 121  
 Robinson, R. N. S. A. T. C.  
 Robinson, W. S. S. A. T. C.  
 Robinton, G. B. *c* 56 Lenox ave.  
 Robison, M. M. S. A. T. C.  
 Robison, S. M. † *gr* 524 Riverside dr.  
 Robitschek, M. M. *e* 533 W. 158  
 Robson, H. K. † *pa* 523 W. 121  
 Rock, J. *e* 854 Intervale ave.  
 145 Second ave., Mt. Vernon  
 Rock, J. M. † *pa* Whittier  
 Rocky, O. *gr*  
 300 Eighth ave., Asbury Park  
 Rockmore, A. S. A. T. C.  
 Rockwell, E. B. † *e* Hotel Bretton Hall  
 Rockwell, I. † *pa*  
 66 Glen Ridge ave., Glen Ridge  
 Rockwell, L. M. † *gr ed* 400 W. 118  
 Rockwood, P. M. S. A. T. C.  
 Rodenbaeck, L. † *gr*  
 140 Claremont ave.  
 Rodenberg, J. J. *c* 720 Riverside dr.  
 Roderick, E. E. S. A. T. C.  
 Rodman, B. S. A. T. C.  
 Rodriques, H. C. *e*  
 110 St. Mark's ave., Bklyn.  
 Rodriquez, A. B. † *e* 48 W. 98

Rodriquez, M. C. † *e*  
 1140 Jefferson ave., Bklyn.  
 Roe, C. Y. *gr ed* 600 W. 122  
 Roe, G. W. † *pa* Whittier  
 Roe, W. T. † *b* 439 Manhattan ave.  
 Roedel, W. G. *e* 859 Jackson ave.  
 Roeder, M. S. † *pa* 404 W. 115  
 Roegge, A. B. † *ed* Leonia  
 Roelofs, I. E. † *e* 98 Morningside dr.  
 Roemer, C. † *e* 86 Haven ave.  
 Roemer, K. P. † *e* 86 Haven ave.  
 Roethlisberger, I. L. † *e*  
 47 Frelinghuysen rd., Tompkinsville  
 Roethlisberger, F. J. S. A. T. C.  
 Roetter, J. E. † *pa* Whittier  
 Rogan, I. F. † *e*  
 206 Harrison ave., Jersey City  
 Rogatz, J. L. *m* 78 E. 91  
 Roger, I. E. † *ed*  
 145 Second ave., Mt. Vernon  
 Rogers, A. † *pa* Whittier  
 Rogers, A. M. † *e* 223 Riverside dr.  
 Rogers, D. † *pa* 30 W. 184  
 Rogers, G. S. *e* 504 Columbus ave.  
 Rogers, H. J. † *b* 326b President, Bklyn.  
 Rogers, H. M. S. A. T. C.  
 Rogers, I. C. † *gr* 519 W. 121  
 Rogers, R. B., Jr. S. A. T. C.  
 Rogers, R. M. *c* 625 W. 113  
 Rogers, R. W. S. A. T. C.  
 Rogers, V. H. † *pa* 1361-52nd, Bklyn.  
 Rogers, W. E. S. A. T. C.  
 Rogin, E. † *e* 1109 Franklin ave.  
 Rogow, E. † *e* 14 Morningside ave.  
 Rohdenburg, E. L. *c* 230 E. 61  
 Rohr, F. M. † *gr* 416 W. 122  
 Rolf, I. P. † *gr* 710 Oakland pl.  
 Roll, W. H. S. A. T. C.  
 Rolland, R. H. *c* 140 W. 71  
 Roman, J. P. S. A. T. C.  
 Roman, L. † *pa* 35 W. 110  
 Roman, N. † *pa* 255 W. 11  
 Romanoff, A. *c* 1572 Washington ave.  
 Romary, M. S. † *e* Ridgewood  
 Romer, M. C. *e* 161 Rutland rd., Bklyn.  
 Rona, L. *e* 51-53 W. 129  
 Ronkin, C. S. A. T. C.  
 Rood, E. C. † *pa* Whittier  
 Rooney, G. O. † *pa* 600 W. 183  
 Rooney, M. C. † *e* 312 W. 15  
 Roossin, I. B. *ph* 5-7 Attorney  
 Root, F. B. S. A. T. C.  
 Root, T. B. Naval Unit

|                               |                            |                               |                           |
|-------------------------------|----------------------------|-------------------------------|---------------------------|
| Ros, S.                       | S. A. T. C.                | Rosenwasser, R. J. <i>c</i>   | 322 W. 100                |
| Rosch, R. † <i>e</i>          | 420 W. 55                  | Rosenzweig, H.                | S. A. T. C.               |
| Rose, E. D. † <i>e</i>        | 605 W. 182                 | Rosenzweig, M. <i>c</i>       | 515 W. 187                |
| Rose, G. A. <i>gr</i>         | 522 W. 123                 | Rosenzweig, P. <i>e</i>       | 1714 Bathgate ave.        |
| Rose, M. A. † <i>ed</i>       | 64 S. Ocean ave., Freeport | Rosoff, L. H. <i>e</i>        | 1847 Victor               |
| Rosen, B. † <i>e</i>          | 408 Audubon ave.           | Rosow, S.                     | Naval Unit                |
| Rosen, H. W. <i>m</i>         | 256 Vernon ave., Bklyn.    | Ross, A. † <i>e</i>           | 1263 Fifth ave.           |
| Rosen, I. T. <i>m</i>         | 29 Herbert, Bklyn.         | Ross, E. C. † <i>b</i>        | Brooks                    |
| Rosen, J. D.                  | Naval Unit                 | Ross, G. A. J. † <i>e</i>     | 606 W. 122                |
| Rosen, J. M. <i>c</i>         | 1440 Crotona Park East     | Ross, G. D. † <i>pa</i>       | 301 West End ave.         |
| Rosen, M. † <i>e</i>          | 1447 Prospect ave.         | Ross, K. L. † <i>e</i>        | 336 W. 95                 |
| Rosen, M. S.                  | S. A. T. C.                | Ross, M. † <i>e</i>           | 625 Lenox ave.            |
| Rosenbaum, A.                 | S. A. T. C.                | Ross, M. E. <i>c</i>          | 669 Gates ave., Bklyn.    |
| Rosenbaum, A. M. † <i>j</i>   | Furnald                    | Ross, M. H. † <i>gr ed</i>    | 135 E. 52                 |
| Rosenbaum, G. <i>c</i>        | 1747 Park ave.             | Ross, S. F. † <i>ed</i>       | Furnald                   |
| Rosenbaum, S. S.              | S. A. T. C.                | Rossiter, I. E. † <i>pa</i>   | 11 E. 68                  |
| Rosenberg, B. <i>e</i>        | 88 Rivington               | Rossman, D.                   | S. A. T. C.               |
| Rosenberg, G. † <i>j</i>      | 1887 Seventh ave.          | Rossman, H.                   | 85 Camion                 |
| Rosenberg, G. <i>e</i>        | 88 Rivington               | Roston, J. H. <i>e</i>        | 357 W. 115                |
| Rosenberg, H. <i>ph</i>       | 1361 S. Blvd.              | Roth, C. A. † <i>e</i>        | 417 W. 118                |
| Rosenberg, H. B. † <i>e</i>   | 41 E. 7                    | Roth, F.                      | S. A. T. C.               |
| Rosenberg, J.                 | S. A. T. C.                | Roth, I. <i>e</i>             | 261 Broadway              |
| Rosenberg, L. <i>e</i>        | 296 E. Second              | Roth, J.                      | S. A. T. C.               |
| Rosenberg, M. L. † <i>e</i>   | 50 W. 77                   | Roth, M. <i>e</i>             | 470 E. 141                |
| Rosenberg, M. Y. † <i>b</i>   | 57 E. 77                   | Rothbard, S. <i>c</i>         | 112 Peshine ave., Newark  |
| Rosenberg, S. J. <i>m</i>     | 571 Fox                    | Rothbarth, A. <i>e</i>        | Nassau                    |
| Rosenberg, S. R. † <i>b</i>   | 75 Ft. Washington ave.     | Rothberg, J. E. † <i>e</i>    | 223-16th, West N. Y.      |
| Rosenberger, H. J.            | S. A. T. C.                | Rothenberg, C. J. † <i>e</i>  | 415 W. 118                |
| Rosenblatt, M. <i>e</i>       | 353 Alabama ave., Bklyn.   | Rothenberg, G. <i>c</i>       | 739 E. 6                  |
| Rosenblum, B. D. † <i>e</i>   | Whittier                   | Rothenberg, R. J. † <i>pa</i> | 538 W. 136                |
| Rosenblum, D. I.              | Naval Unit                 | Rothert, F. C. † <i>m</i>     | 78 Hamilton ave., Yonkers |
| Rosenblum, L. H. † <i>e</i>   | 552 Riverside dr.          | Rothman, H. <i>e</i>          | 1100 West Farms rd.       |
| Rosenblum, R.                 | S. A. T. C.                | Rothman, H. H. <i>c</i>       | 94 Rivington              |
| Rosencrans, D. L. † <i>pa</i> | 720 Riverside dr.          | Rothschild, A.                | S. A. T. C.               |
| Rosenfeld, B. † <i>e</i>      | 338 E. 67                  | Rothschild, E. C. † <i>e</i>  | 999 Simpson               |
| Rosenfeld, F. † <i>e</i>      | 1271 Hoe ave.              | Rothschild, J. M.             | S. A. T. C.               |
| Rosenfeld, H. F. † <i>pa</i>  | 740 West End ave.          | Rothschild, L. T. † <i>b</i>  | 306 W. 99                 |
| Rosenfeld, J. † <i>pa</i>     | 1043 Morris ave.           | Rothstein, H. E. <i>e</i>     | 302 W. 116                |
| Rosenfeld, S.                 | S. A. T. C.                | Rotkowitz, S.                 | S. A. T. C.               |
| Rosenfeld, S. <i>c</i>        | 52 Leonard, Bklyn.         | Roudin, L. V.                 | Naval Unit                |
| Rosenheim, A. D.              | Naval Unit                 | Rourke, J. A.                 | S. A. T. C.               |
| Rosenholz, W. <i>c</i>        | 1851 Seventh ave.          | Rouse, A. M. † <i>pa</i>      | 414 W. 122                |
| Rosenhouse, F. <i>e</i>       | 657 Broadway               | Rouse, M. E. † <i>pa</i>      | Whittier                  |
| Rosenson, A. S.               | S. A. T. C.                | Rouss, A. S. <i>c</i>         | 385 Ft. Washington ave.   |
| Rosenstein, E.                | Naval Unit                 | Rousseau, H.                  | S. A. T. C.               |
| Rosenstock, L. M.             | S. A. T. C.                | Rovitti, R. † <i>ph</i>       | 2439 Hoffman              |
| Rosenthal, E. † <i>b</i>      | 151 W. 86                  | Rowan, E. H.                  | Naval Unit                |
| Rosenthal, G. † <i>b</i>      | 530 West End ave.          | Rowan, E. J., Jr.             | S. A. T. C.               |
| Rosenthal, T.                 | S. A. T. C.                | Rowan, G. J. <i>e</i>         | 1487 Second ave.          |
| Rosenwald, E. J. <i>c</i>     | 36 W. 74                   | Rowe, A. L. † <i>pa</i>       | Whittier                  |
|                               |                            | Rowe, N. F. † <i>gr ed</i>    | Whittier                  |
|                               |                            | Rowe, P. † <i>pa</i>          | 593 Riverside dr.         |



Rowland, H. E. † *e* 1604 University ave.  
 Rowley, H. E. † *e* 125 W. 76  
 Rowold, J. C. S. A. T. C.  
 Royer, H. B. *e* 106 Morningside dr.  
 Royer, L. M. † *e* 106 Morningside dr.  
 Rozema, J. R. S. A. T. C.  
 Rozoff, B. *c* 430 W. 118  
 Rozoff, F. † *e* 430 W. 118  
 Rubel, E. † *pa* 50 W. 67  
 Rubenoff, Mrs. R. † *e*  
 416 Highland ave., Mt. Vernon  
 Rubenstein, D. S. A. T. C.  
 Rubenstein, J. S. A. T. C.  
 Rubenstein, S. E. *ph*  
 2916 W. 3, Coney Island  
 Rubin, A. J. † *e* 1125 Boston rd.  
 Rubin, A. L. *c* 22 E. 93  
 Rubin, C. V. † *e* 628 W. 151  
 Rubin, E. *m* 1679 Pitkin ave., Bklyn.  
 Rubin, J. *e* 31 Park Row  
 Rubin, R. † *e* 271 Central Park West  
 Ruchamkin, H. *e* 1762 Park pl., Bklyn.  
 Rudd, D. S. † *e* 501 W. 138  
 Rudd, E. F. † *b* 542 Monroe, Bklyn.  
 Rudd, T. B. S. A. T. C.  
 Rudin, D. S. A. T. C.  
 Rudolph, I. W. † *pa* Whittier  
 Ruff, B. C. † *b* 25 Bell, Belleville  
 Ruffini, E. E. † *pa* 414 W. 121  
 Ruffolo, A. P. *c* 42 Charlton  
 Ruffolo, H. *c* 1546 Longfellow ave.  
 Rugen, A. † *e* 129 Berkeley pl., Bklyn.  
 Rugge, J. M. † *ed* Ridgewood, N. J.  
 Ruggles, D. L. † *pa* 169 Broad ave., Leonia  
 Ruhl, J. B. † *b* 395 E. 154  
 Ruhling, K. † *e* 1245 Amsterdam ave.  
 Ruiz, G. *e* 201 W. 117  
 Ruiz, O. H. *e* 361 W. 116  
 Rukin, S. † *e* 184 Osborn, Bklyn.  
 Rule, F. D. † *b* Brooks  
 Rumball, C. M. † *gr* 374 Manhattan ave.  
 Rumsby, E. M. † *pa* 620 W. 122  
 Rundie, L. *e* 794 West End ave.  
 Runyon, F. † *e* 527 W. 121  
 Rupert, L. H. *gr* 5 E. 20, Whitestone  
 Ruppe, J. P. *m* 427 W. 47  
 Ruppel, L. S. A. T. C.  
 Ruschke, E. W. S. A. T. C.  
 Rush, C. E. † *pa* Furnald  
 Rush, D. † *e* 57 E. 74  
 Rush, E. † *e* 134 Second  
 Rush, T. B. † *e* 65 New, Port Richmond  
 Rusk, H. M. † *gr* Furnald

Russel, R. *pa* 19 W. 9  
 Russell, H. F. † *pa* 520 W. 122  
 Russell, H. H. † *pa* Whittier  
 Russell, J. E. *m* 558 W. 113  
 Russell, M. A. † *pa* 606 W. 116  
 Russell, V. † *pa* Whittier  
 Russmann, A. *e* 165 E. 87  
 Rust, E. G. † *gr ed*  
 211 Passaic, Hackensack  
 Rustin, Henry W. S. A. T. C.  
 Ruth, S. E. † *e* 445 Audubon ave.  
 Rutherford, H. G. *e* 11 Wadsworth ave.  
 Rutstein, S. M. 21 E. 119  
 Ryan, A. C. † *e*  
 Good Counsel, White Plains  
 Ryan, A. M. † *e* 501 W. 121  
 Ryan, A. S. *e* 1115 Boston rd.  
 Ryan, E. E. † *e* 10 W. 61  
 Ryan, E. M. † *pa* 99 Second pl., Bklyn.  
 Ryan, G. M. † *e* 501 W. 121  
 Ryan, G. M. W. † *e* 26 W. 61  
 Ryan, J. S. A. T. C.  
 Ryan, K. F. † *e* 608a Jefferson ave., Bklyn.  
 Ryan, L. C. † *ed* 143 W. 84  
 Ryan, M. † *e* 320 W. 45  
 Ryan, T. J. *e* 298 E. 136  
 Ryan, T. M. † *gr* Furnald  
 Rydell, E. R. Naval Unit  
 Rynas, J. † *e* Methodist Episcopal Hosp.  
 Ryno, P. B. S. A. T. C.  
 Saacke, C. W., Jr. S. A. T. C.  
 Saalberg, B. † *pa* 201 W. 79  
 Sabine, H. F. *gr ed*  
 8 Hillside ave., Mt. Vernon  
 Sabsewitz, G. R. † *e*  
 1418 Pitkin ave., Bklyn.  
 Sacharoff, L. S. *m*  
 41 Graham ave., Bklyn.  
 Sachs, A. H. *c* 1804 Washington ave.  
 Sachs, A. P. *gr* 1665 Weeks ave.  
 Sack, N. † *e* 314 W. 94  
 Sacken, G. S. A. T. C.  
 Sacks, R. S. A. T. C.  
 Sadler, K. M. † *b* 449 W. 153  
 Sadowsky, S. R. *c* 80 Seventh  
 Saffer, W. S. A. T. C.  
 Safford, P. M. † *e*  
 Shore Acres, Mamaroneck  
 Safir, I. C. *c* 112 W. 45  
 Safowitz, C. *c* 6 W. 112  
 Sage, A. D. *e*  
 655 Lafayette ave., Mt. Vernon  
 Sage, R. H. S. A. T. C.

- Sager, W. J. *c* 142 Manhattan ave.  
 Sagin, G. N. S. A. T. C.  
 Sagor, F. † *e* 1155 E. 165  
 Sailer, J. † *gr ed* 510 W. 123  
 Sails, H. J. S. A. T. C.  
 St. John, F. Naval Unit  
 St. Martin, C. † *pa* 517 W. 83  
 Saiontz, L. R. *c* 441 W. 124  
 Sakamoto, H. † *e* 135 E. 62  
 Sakamoto, J. G. *gr* 102 W. 123  
 Sakamoto, K. † *b* 541 W. 113  
 Sala, A. M. *m* 260 Melrose, Bklyn.  
 Saland, G. *c* 2139 Daly ave.  
 Salant, E. O. *c* 302 Convent ave.  
 Sale, A. E. † *pa* 503 W. 121  
 Salerno, N. *ph* 3525 Barnes ave.  
 Salinas, U. *c* Grand Hotel  
 Salinger, B. D. S. A. T. C.  
 Salinger, E. *e* 990 Leggett ave.  
 Salinger, E. B. S. A. T. C.  
 Salmon, E. † *e* 650 W. 172  
 Salmon, L. J. A. S. A. T. C.  
 Salob, N. *ph* 834 E. 161  
 Salom, R. † *gr* 415 Ft. Washington ave.  
 Salomon, L. *e* 777 West End ave.  
 Salo, R. *e* 312 W. 58  
 Salsbury, R. † *ed* 30 W. 96  
 Saltzman, L. *e* 244 Second  
 Salzberg, A. *m* 42 W. 129  
 Salzman, E. R. † *pa* 1819 Ave. N, Bklyn.  
 Salzman, M. † *e* 361 Highland blvd., Bklyn.  
 Samper, A. *e* 2007 Foster ave., Bklyn.  
 Sampson, E. M. † *e* 195 Claremont ave.  
 Samuels, S. S. *m* 1165 Sterling pl., Bklyn.  
 Samuelson, N. H. *l* 736 Home  
 Sanborn, A. A. † *e* 468 Riverside dr.  
 Sanborn, A. E. † *e* 468 Riverside dr.  
 Sanborn, F. R. Naval Unit  
 Sanborn, J. *pa* 147 W. 55  
 Sanders, B. † *e* 315 W. 115  
 Sanders, L. † *pa* Whittier  
 Sanders, M. S. A. T. C.  
 Sandhusen, L. H. S. A. T. C.  
 Sandifer, J. H. Naval Unit  
 Sandrini, D. *m* 227 E. 45  
 Sanfilippo, C. *ph* 348 E. 58  
 San Filippo, R. *e* 2260 Bath ave., Bklyn.  
 Sanford, A. P. † *gr* 535 W. 135  
 Sanford, C. S. S. A. T. C.  
 Sanford, M. C. † *pa* 34 Hamilton rd., Glen Ridge  
 Sanford, R. G. *gr ed* Leonards, N. J.
- Sanford, S. H. † *ph* Pearl River, N. Y.  
 Sanger, M. H. *e* 905 West End ave.  
 Sangster, F. *gr ed* 17 Hamilton ave., Ossining  
 Santa-Maria, F. C. *ph* 166 President, Bklyn.  
 Santee, E. B. † *gr* 1084 Dean, Bklyn.  
 Santelli, C. R. † *b* 676 Second ave., Long Island City  
 Saperstein, H. *e* 1602 Madison ave.  
 Saponara, A. *e* 636 Crescent ave.  
 Saporta, E. *e* 146 Lenox ave.  
 Sargent, M. F. † *pa* 137 E. 66  
 Sarlin, C. N. *c* 3 Whitney ave., Elmhurst  
 Sartorius, B. † *b* 2 W. 86  
 Satriale, G. A. *ph* 344 E. 120  
 Saruya, D. † *pa* 140 E. 92  
 Sasse, F. D. Naval Unit  
 Sasse, S. † *pa* Whittier  
 Sato, H. *gr* Columbia University  
 Sato, M. *gr* 609 W. 139  
 Sato, S. *e* 526 W. 123  
 Satoh, H. *mec* 607 W. 139  
 Satow, H. S. *e* 537 W. 121  
 Satterthwaite, H. † *b* 605 W. 115  
 Sattler, I. † *e* 306 W. 102  
 Sattler, J. A. *e* 911 Prospect ave.  
 Sauer, R. † *e* 607 W. 116  
 Saul, D. I. † *e* 429 Ninth ave., Astoria  
 Saul, L. J. *c* 629 W. 115  
 Saul, N. T. *m* 244 E. 72  
 Saulpaugh, L. M. *m* 1023 Grand Concourse  
 Saunders, A. W. S. A. T. C.  
 Saunders, G. † *ed* 251 W. 122  
 Saunders, G. † *e* 33 Bergen, Hackensack  
 Saunders, H. † *b* 251 W. 122  
 Saunders, S. J. † *gr* 552 Riverside dr.  
 Savage, A. H. † *e* 450 Riverside dr.  
 Savery, E. B. *pa* 446 W. 125  
 Sawyer, C. T. † *e* 430 W. 119  
 Sawyer, L. † *e* 363 Lexington ave.  
 Sawyer, L. R. † *e* Hamilton ave., Englewood  
 Sax, E. † *e* 112 E. 19  
 Saxen, B. H. S. A. T. C.  
 Saxen, L. † *e* 969 Hoe ave.  
 Saxman, E. J. † *gr ed* Furnald  
 Saxton, M. D. † *gr* 173 W. 81  
 Sayer, M. I. † *e* 128 W. 74  
 Sayet, G. S. A. T. C.  
 Sayford, M. *e* 435 Riverside dr.  
 Sayles, C. M. † *gr ed* Whittier

|                               |                          |                               |                                 |
|-------------------------------|--------------------------|-------------------------------|---------------------------------|
| Scafate, J.                   | S. A. T. C.              | Schindell, L.                 | S. A. T. C.                     |
| Scalise, A. J.                | S. A. T. C.              | Schindler, H. <i>c</i>        | 730 Riverside dr.               |
| Scancarello, C. J. <i>† b</i> |                          | Schlaff, B.                   | Naval Unit                      |
|                               | 104½ Amity, Flushing     | Schlageter, G. A. <i>e</i>    | 119 W. 40                       |
| Scanlan, J. M. <i>† pa</i>    | 861 Crotona Park N.      | Schlauch, M. <i>† gr</i>      | Furnald                         |
| Scarritt, E. G.               | S. A. T. C.              | Schleifer, A. <i>e</i>        | 600 W. 165                      |
| Schaaf, G. P. <i>† b</i>      | 1051 Clay ave.           | Schleifer, B. <i>e</i>        |                                 |
| Schaaf, H. H.                 | S. A. T. C.              |                               | 1517 E. New York ave., Bklyn.   |
| Schaaf, W. L.                 | S. A. T. C.              | Schlesinger, E. <i>c</i>      |                                 |
| Schaal, H. McF.               | S. A. T. C.              |                               | 80 Fanshaw ave., Yonkers, N. Y. |
| Schachtel, V. R.              | S. A. T. C.              | Schlesinger, R. <i>e</i>      |                                 |
| Schachter, A. G. <i>ph</i>    | 879 Longwood ave.        |                               | 80 Fanshaw ave., Yonkers        |
| Schaefer, K. C. <i>† b</i>    | 327 W. 108               | Schlesinger, D.               | S. A. T. C.                     |
| Schaefer, P. L. <i>e</i>      |                          | Schlessel, L. <i>c</i>        |                                 |
|                               | Navy Y. M. C. A., Bklyn. |                               | 334 Hopkinson ave., Bklyn.      |
| Schaefer, R. B.               | Naval Unit               | Schlichting, J. F.            | S. A. T. C.                     |
| Schaefer, W. S.               | S. A. T. C.              | Schlichting, L. J. <i>† b</i> |                                 |
| Schaeffer, A.                 | S. A. T. C.              |                               | 803 Washington, Hoboken         |
| Schaeffer, F. L. <i>† b</i>   |                          | Schloss, F. <i>† e</i>        | 545 W. 111                      |
|                               | 146 Hutton, Jersey City  | Schluter, F. E.               | Naval Unit                      |
| Schaeffler, B. <i>e</i>       | 911 Longwood ave.        | Schmeidler, D.                | S. A. T. C.                     |
| Schaffer, M. <i>† e</i>       | 772 St. Nicholas ave.    | Schmerer, M. <i>ph</i>        | 276 Ave. A                      |
| Schaier, M. <i>e</i>          | 118 W. 119               | Schmickl, F. <i>† e</i>       | 135 Nyac ave., Pelham           |
| Schang, F. M. <i>† pa</i>     | 230 W. 105               | Schmidt, A. E. <i>† b</i>     | 740 Riverside dr.               |
| Schar, M. <i>ph</i>           | 375 Pleasant ave.        | Schmidt, C., Jr.              | S. A. T. C.                     |
| Scharf, B. H. <i>e</i>        | 1060 Hancock, Bklyn.     | Schmidt, E. <i>† e</i>        | Blackwells Island               |
| Scharfstein, R. <i>† gr</i>   | 15 W. 106                | Schmidt, W. H.                | Naval Unit                      |
| Schatzberg, A. <i>† e</i>     | 68 St. Mark's pl., Bklyn | Schmiedel, A. G.              | S. A. T. C.                     |
| Schauf, V. J.                 | Naval Unit               | Schmieg, F. M. <i>† pa</i>    |                                 |
| Schaul, H. <i>† e</i>         | 606 W. 113               |                               | 54 Hanover, Elmhurst, L. I.     |
| Schechter, H.                 | Naval Unit               | Schmith, A. I. <i>e</i>       | 220 E. Tremont ave.             |
| Schechter, J. <i>e</i>        | 10 Wall                  | Schmitt, C. S.                | Naval Unit                      |
| Scheff, C. <i>e</i>           | 281 Liberty ave., Bklyn. | Schmitt, J. F. <i>c</i>       | 1611 First ave.                 |
| Schein, A. L. <i>ph</i>       | 543 E. 171               | Schmitt, R. L. <i>m</i>       | 35 W. 84                        |
| Scheindlinger, M. I. <i>e</i> | 165 Columbus ave.        | Schneeweiss, E. <i>† e</i>    | 55 Central Park W.              |
| Schellhase, E. A. <i>† b</i>  | 111 W. 75                | Schneidau, I. H. <i>† pa</i>  | 519 W. 121                      |
| Schenck, C. A. <i>† b</i>     | 2114 Daly ave.           | Schneider, A. A.              | Naval Unit                      |
| Schenck, H. <i>gr</i>         | 321 W. 92                | Schneider, C. <i>† e</i>      | 347 W. 21                       |
| Schenker, E. B. <i>† e</i>    | 930 Park ave.            | Schneider, G. H.              | S. A. T. C.                     |
| Scher, J. J.                  | S. A. T. C.              | Schneider, J. <i>m</i>        | 531 W. 143                      |
| Scherer, N. K.                | S. A. T. C.              | Schneider, J. T. <i>e</i>     | 337 E. 94                       |
| Scherman, B. A. <i>m</i>      | 955 Prospect ave.        | Schneider, M. <i>† ed</i>     |                                 |
| Scheubbaum, M.                | S. A. T. C.              |                               | 34 Maple terr. Rahway           |
| Scheuer, S.                   | S. A. T. C.              | Schneiderman, G. H.           | S. A. T. C.                     |
| Schiess, J. W.                | S. A. T. C.              | Schneph, R. <i>† e</i>        | 59 First ave.                   |
| Schiff, A. <i>e</i>           | 56 Henry                 | Schnitman, H. <i>ph</i>       | 425 Stone ave., Bklyn.          |
| Schiff, I.                    | Naval Unit               | Schnur, J. <i>c</i>           | 664 E. 160                      |
| Schiff, J. R. <i>e</i>        | 320 Broadway             | Schoedinger, P. S.            | S. A. T. C.                     |
| Schiff, L.                    | S. A. T. C.              | Schoedler, G. <i>† b</i>      | 249 W. 107                      |
| Schiffer, E. <i>† e</i>       | 41 W. 86                 | Schoenberg, J. <i>ph</i>      | 246 W. 21                       |
| Schiller, P. <i>ph</i>        | 602 E. 138               | Schoenemann, O. P.            | S. A. T. C.                     |
| Schimmenti, M. <i>e</i>       |                          | Schoenfeld, A. E.             | Naval Unit                      |
|                               | 1050 Bedford ave., Bklyn | Schoenfeld, B.                | 1560 Amsterdam ave.             |

- Schoenfeld, H. † *pa* 1560 Amsterdam ave.  
 Schoening, E. B. † *pa* Whittier  
 Scholes, B. E. † *gr ed* 419 W. 119  
 Scholz, F. W. *e* 221 McLean ave., Yonkers  
 Schonberg, J. B. *e* 543 W. 162  
 Schoonhoven, G. O. *c* 773 Eastern Pkway, Bklyn.  
 Schopp, E. J. † *pa* 2418 University ave.  
 Schoppe, F. H. *e* 50 Fulton ave., Jersey City  
 Schorr, H. † *e* 1015 E. 167  
 Schorr, M. Naval Unit  
 Schorsch, E. *c* 38 W. 97  
 Schorsch, N. S. A. T. C.  
 Schot, R. † *e* 686 Tinton ave.  
 Schram, E. † *pa* 183 Saratoga ave., Yonkers  
 Schramm, H. † *e* 127 W. 112  
 Schramm, R. F. S. A. T. C.  
 Schrecker, U. *c* 1 W. 102  
 Schreiber, M. *m* 540 W. 136  
 Schreyer, F. R. *a* 459 W. 123  
 Schrier, H. *c* 89 Pulaski, Bklyn.  
 Schrier, S. *e* 119 Park ave., Hoboken  
 Schroeder, E. T. † *e* 130 Edgecomb ave.  
 Schroff, J. *m* 66 Avenue C.  
 Schroyer, C. F. *e* Loganton, Pa.  
 Schubert, R. *e* Roselle, N. J.  
 Schuderer, W. N. S. A. T. C.  
 Schuh, C. S. A. T. C.  
 Schulhof, S. † *e* 514 W. 114  
 Schulman, A. S. A. T. C.  
 Schulman, W. H. *c* 55 E. 92  
 Schulte, A. E. † *e* 495 West End ave.  
 Schulte, H. A. *m* 437 W. 59  
 Schultz, B. *e* 250 Hegeman ave., Bklyn.  
 Schultz, I. † *pa* Whittier  
 Schulze, C. D. † *e* 605 W. 156  
 Schulze, R. W. *e* 100 W. 163  
 Schuman, C. B. † *pa* 100 Morningside dr.  
 Schuman, D. H. *m* 43 E. 76  
 Schuman, I. A. *e* 1465 E. New York ave.  
 Schumann, H. L. † *e* 580 E. 165  
 Schumm, E. † *b* 422 W. 44  
 Schupper, C. *gr ed* 150 Penn., Bklyn.  
 Schussheim, S. *m* 746 E. 6  
 Schuster, G. W. *e* 59 Douglas ave., Yonkers  
 Schuster, I. J. S. A. T. C.  
 Schuster, M. H. † *b* 438 W. 164  
 Schuster, R. *e* 4 W. 50  
 Schutz, B. C. † *gr* 146 S. Elliott pl., Bklyn.  
 Schuyler, M. G. Van R. † *e* 31 Morton  
 Schuyler-Walden, C. † *e* 59 Livingston, Bklyn.  
 Schwab, A. Y. † *b* 549 W. 113  
 Schwab, J. H. *e* 397 Ocean View ave., Woodhaven  
 Schwabe, I. † *e* 18 Clifford ave., N. Pelham  
 Schwalberg, R. S. A. T. C.  
 Schwartz, C. C. S. A. T. C.  
 Schwartz, C. L. † *e* 608 Morris Park ave.  
 Schwartz, D. H. † *pa* 615 Malone, W. Hoboken  
 Schwartz, E. † *b* 151 Central Park W.  
 Schwartz, G. † *e* 1081 Simpson  
 Schwartz, H. *e* 228 E. 70  
 Schwartz, H. *e* 506 Blake ave., Bklyn.  
 Schwartz, J. S. A. T. C.  
 Schwartz, J. J. *e* 9 Montgomery  
 Schwartz, Jacob *ph* 60 E. 117  
 Schwartz, L. S. *l* 332 E. 58  
 Schwartz, M. M. *ph* 50 Dodge ave., Rockaway Beach  
 Schwartz, P. T. S. A. T. C.  
 Schwartz, S. S. A. T. C.  
 Schwartz, S. P. *m* 250 E. 30  
 Schwarz, W. H. S. A. T. C.  
 Schwartz, Y. C. † *ph* 1787 Madison ave.  
 Schwarz, A. D. S. A. T. C.  
 Schwarz, E. S. † *ed* 100 Morningside ave.  
 Schwarz, H. M. S. A. T. C.  
 Schwarz, I. I. Naval Unit  
 Schwarz, L. A. S. A. T. C.  
 Schwarz, L. W. S. A. T. C.  
 Schwarz, M. E. S. A. T. C.  
 Schwarz, M. L. † *gr ed* 524 W. 124  
 Schwarz, S. † *e* 561 High, Newark  
 Schwarz, S. S. *ph* 30 Osborne terr., Newark  
 Schwarz, W. M. *c* 219 W. 81  
 Schwarzenbach, W. S. † *e* 306 Hartford rd., S. Orange  
 Schwarzschild, O. P. *e* 120 Liberty  
 Schwatt, M. A. † *e* 1215 Madison ave.  
 Schweitzer, W. P. *c* 270 West End ave.  
 Schweizer, L. J. *e* 214 W. 105  
 Schweppe, E. † *ed* 70 Morningside dr.  
 Schweppe, H. I. S. A. T. C.  
 Schweppe, Mrs. I. † *e* 70 Morningside dr.  
 Schwinger, M. *e* 948 Trinity ave.



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|--------------------------------|-------------------------------|------------------------------|------------------------------|
| Scimeca, A. A.                 | S. A. T. C.                   | Seidman, E. A. <i>m</i>      | 580 High, Newark             |
| Scoby, V. N. † <i>pa</i>       | Furnald                       | Seidman, H. M. † <i>b</i>    | Brooks                       |
| Scofield, E. L. † <i>e</i>     |                               | Seidt, M.                    | S. A. T. C.                  |
|                                | 839 Chapel, New Haven, Conn.  | Seiler, P. † <i>e</i>        | 220 W. 110                   |
| Scofield, H. L. <i>e</i>       | 362 Riverside dr.             | Seinfeld, S. <i>ph</i>       | 60 E. 3                      |
| Scofield, L. B. † <i>e</i>     | 47 W. 86                      | Seixas, E. I. † <i>e</i>     | 600 W. 169                   |
| Scott, A. † <i>pa</i>          | Hackensack Hospital           | Selby, F. T. <i>gr ed</i>    | 546 W. 124                   |
| Scott, A. C. † <i>ed</i>       | Englewood, N. J.              | Seldowitz, M. <i>m</i>       | 600 Fifth ave., Bklyn.       |
| Scott, A. M. † <i>e</i>        | 524 W. 122                    | Selig, A.                    | S. A. T. C.                  |
| Scott, E. M. † <i>e</i>        |                               | Selig, S. <i>m</i>           | 227 W. 126                   |
|                                | 73 Mountain ave., Edgewater   | Seligman, S. † <i>e</i>      | 400 Manhattan ave.           |
| Scott, I. F. † <i>e</i>        |                               | Seligson, A. S. <i>e</i>     | 61 E. 118                    |
|                                | 13 Oakwood ave., Arlington    | Selikowitz, L. C.            | Naval Unit                   |
| Scott, I. G.                   | S. A. T. C.                   | Selinsky, H. G. <i>e</i>     | 257 W. 21                    |
| Scott, J. W., Jr.              | S. A. T. C.                   | Selkin, M. E. <i>c</i>       | 1687 Bathgate ave.           |
| Scott, L. M. † <i>pa</i>       | St. Luke's Hospital           | Selleck, W. B. <i>e</i>      | 407-9th, Bklyn.              |
| Scott, M. S. † <i>e</i>        | 51 W. 16                      | Seltenreich, A. F.           | S. A. T. C.                  |
| Scott, P. B.                   | S. A. T. C.                   | Seltzer, S. C.               | S. A. T. C.                  |
| Scott, R. D. <i>e</i>          | 1124 Woodycrest ave.          | Selwyn, A. I. <i>e</i>       | 67 E. 98                     |
| Scovil, A. E.                  | S. A. T. C.                   | Selznick, D. <i>e</i>        | 590 West End ave.            |
| Scovil, F. K.                  | S. A. T. C.                   | Semel, L. B. <i>c</i>        | 520 E. 5                     |
| Scoville, M. Van B. † <i>e</i> |                               | Senecoff, I. H. <i>e</i>     | 463 W. 52                    |
|                                | Great Northern Hotel          | Seneker, J. S. <i>gr ed</i>  | Union Theo. Sem.             |
| Scroggin, M. † <i>b</i>        | Brooks                        | Senn, H. <i>e</i>            | 3056 Albany Crescent         |
| Scull, A. B. † <i>e</i>        | Whittier                      | Senn, M. E. † <i>e</i>       |                              |
| Seadler, S. F. <i>gr</i>       | 434 W. 120                    |                              | 87 South Broadway, Yonkers   |
| Seaman, F. M. † <i>ed</i>      | Keansburg, N. J.              | Senner, S. <i>e</i>          | 494 E. 143                   |
| Seaman, J. A. <i>m</i>         | 450 W. 34                     | Sens, L. M. † <i>b</i>       | 635 Riverside dr.            |
| Seaman, M. E. † <i>e</i>       | 1236 Pacific, Bklyn.          | Sepersky, B. <i>e</i>        | 386 Vernon ave., Bklyn.      |
| Seaman, N.                     | S. A. T. C.                   | Serafin, P. J. <i>m</i>      | 64 W. 68th                   |
| Sears, J. B. <i>gr ed</i>      | 160 Claremont ave.            | Serafino, F. <i>c</i>        | 135 Liberty                  |
| Sease, M. S. † <i>pa</i>       | 523 W. 121                    | Seran, Mrs. H. A. † <i>e</i> | 401 W. 118                   |
| Sebastin, V. W. <i>e</i>       | 110 W. 40                     | Serber, G. M. <i>c</i>       | 547 W. 123                   |
| Secoles, G. † <i>e</i>         | 485 Central Park W.           | Serfass, Z. M. † <i>e</i>    | 422 W. 115                   |
| Secor, M. † <i>e</i>           | 521 W. 122                    | Serino, Y. <i>gr</i>         | 600 W. 122                   |
| Sedwick, G. R. † <i>b</i>      | 606 W. 116                    | Serra, F.                    | S. A. T. C.                  |
| Seeger, A.                     | S. A. T. C.                   | Sesta, J. <i>m</i>           | 82 Vroom, Jersey City        |
| Seele, A. W.                   | S. A. T. C.                   | Settle, W. J. <i>c</i>       | 139 Reid ave., Bklyn.        |
| Seeley, H. L. † <i>ed</i>      | 430 W. 118                    | Settles, O. † <i>pa</i>      | 419 W. 119                   |
| Seeley, J. † <i>b</i>          |                               | Severn, W. W. <i>e</i>       | 235 Ft. Washington ave.      |
|                                | 247 Lafayette ave., Grantwood | Sexton, C. G. † <i>b</i>     | Brooks                       |
| Seeley, R. C.                  | S. A. T. C.                   | Seymour, C. D. † <i>pa</i>   | 35 W. 81                     |
| Sees, W. J. <i>e</i>           | 676 Avenue A, Bayonne         | Seymour, H. W. † <i>e</i>    | 106 Morningside dr.          |
| Segal, A. <i>m</i>             | 66 Ft. Washington ave.        | Shabshelowitz, T. <i>gr</i>  | 405 W. 117                   |
| Segal, B. <i>m</i>             | 72 Bay 23rd, Bensonhurst      | Shafer, H. W. <i>ph</i>      | Worcester, N. Y.             |
| Segal, P. M.                   | S. A. T. C.                   | Shafer, H. W.                | Naval Unit                   |
| Segall, S.                     | S. A. T. C.                   | Shafer, K. A. † <i>b</i>     | 790 Riverside dr.            |
| Segeler, C. G.                 | S. A. T. C.                   | Shafer, L. L. † <i>e</i>     | 790 Riverside dr.            |
| Seibert, H. W. <i>e</i>        | 544 W. 145                    | Shafer, M. S. † <i>pa</i>    | 400 W. 118                   |
| Seides, H. G. <i>e</i>         | 235 W. 75                     | Shaffer, T. C. <i>gr ed</i>  | 547 Riverside dr.            |
| Seides, L. <i>ph</i>           | 2907 W. 22, Coney Island      | Shafran, H. A.               | Naval Unit                   |
| Seidler, C. R. † <i>e</i>      | 414 W. 118                    | Shagrin, M. † <i>e</i>       |                              |
| Seidlin, S. M. <i>c</i>        | 173 Chauncey, Bklyn.          |                              | 12 Maple ave., Port Richmond |

|                              |                               |                             |                             |
|------------------------------|-------------------------------|-----------------------------|-----------------------------|
| Shahn, B. <i>ph</i>          | 92 Walton, Bklyn.             | Shelvin, E. L. <i>m</i>     | 161 N. 6, Bklyn.            |
| Shaine, M. G. <i>† e</i>     | 128 W. 119                    | Shen, K. <i>mec</i>         | 419 W. 115                  |
| Shakman, A. <i>† e</i>       | 35 W. 96                      | Shen, Y. T. <i>bu</i>       | 500 W. 122                  |
| Shamroy, N. L.               | S. A. T. C.                   | Shendell, D.                | Naval Unit                  |
| Shand, A. B. <i>† e</i>      | 605 W. 113                    | Shepard, E. C. <i>† e</i>   | Furnald                     |
| Shankroff, A. <i>† e</i>     | 160 E. 31, Bklyn.             | Shepard, R. F. <i>l</i>     | 39 N. 14, Newark            |
| Shanley, H. S. <i>† m</i>    | Furnald                       | Shepherd, M. S. <i>† ed</i> | 106 Morningside dr.         |
| Shannon, E. W. <i>† pa</i>   | Furnald                       | Sheppard, N. F. <i>† e</i>  | 432 W. 22                   |
| Shapcott, E. M. <i>† pa</i>  | 415 W. 118                    | Sher, F. M. <i>e</i>        | 1 Elliott terr., Rutherford |
| Shapensky, S. <i>m</i>       | 148 S. 3rd, Bklyn.            | Sherburne, J. <i>m</i>      | 354 West End ave.           |
| Shapiro, A. J. <i>† pa</i>   | Whittier                      | Sheridan, V. D. <i>e</i>    | 50 E. 34                    |
| Shapiro, D. <i>† e</i>       | 566 W. 171                    | Sherman, A. M. <i>† ed</i>  | 137 Park ave., Mt. Vernon   |
| Shapiro, F. S. <i>† e</i>    | 254 W. 112                    | Sherman, B. <i>† e</i>      | 501 W. 121                  |
| Shapiro, J.                  | Naval Unit                    | Sherman, I. <i>e</i>        | 77 State                    |
| Shapiro, M.                  | S. A. T. C.                   | Sherman, J. H. <i>e</i>     | 19 E. 56                    |
| Shapiro, P. <i>e</i>         | 2106 Clinton ave.             | Sherman, J. T. <i>e</i>     | 616 Amsterdam ave.          |
| Sharp, A. R. <i>e</i>        | 183 Belmont ave., Jersey City | Sherman, L. <i>c</i>        | 935 Myrtle ave., Bklyn.     |
| Sharp, R. W.                 | S. A. T. C.                   | Sherman, L. K. <i>† e</i>   | 159 Park ave., Yonkers      |
| Shartle, W. J. <i>† e</i>    | 106 Morningside dr.           | Sherman, S.                 | S. A. T. C.                 |
| Shaver, E. L. <i>gr ed</i>   | E. Rockaway, L. I.            | Sherman, S. <i>ph</i>       | 36 Gouverneur               |
| Shaver, I. H. <i>e</i>       | R. F. D. No. 3, Paterson      | Sherman, S. <i>e</i>        | 193 Buffalo ave., Bklyn.    |
| Shaviro, N. <i>gr</i>        | 283 W. 115                    | Sherrer, F. L.              | S. A. T. C.                 |
| Shaw, B. E. <i>† pa</i>      | 117 Sherman ave.              | Sherry, H. J.               | S. A. T. C.                 |
| Shaw, C. E.                  | S. A. T. C.                   | Sherry, L. A. <i>† pa</i>   | Whittier                    |
| Shaw, C. I.                  | S. A. T. C.                   | Sherwin, J.                 | S. A. T. C.                 |
| Shaw, D. <i>ph</i>           | 18 Boulevard, Rockaway Beach  | Sherwin, K. I. <i>† pa</i>  | Valhalla, N. Y.             |
| Shaw, E. A. <i>m</i>         | 35 W. 84                      | Sherwin, O. <i>c</i>        | 945 E. 163                  |
| Shaw, J. <i>† e</i>          | 351 W. 114                    | Sherwin, S. A.              | S. A. T. C.                 |
| Shaw, M. S. <i>† e</i>       | Furnald                       | Sherwood, B. <i>† e</i>     | 170 W. 97                   |
| Shaw, P. E. O. <i>gr</i>     | Union Theo. Seminary          | Sherwood, B. W. <i>† pa</i> | 620 W. 122                  |
| Shea, E. H.                  | S. A. T. C.                   | Sherwood, R. T. <i>e</i>    | 61 Broadway                 |
| Shea, E. M. <i>† e</i>       | 1 W. 129                      | Shiebler, E. R. <i>e</i>    | 459 St. Johns pl., Bklyn.   |
| Shea, E. V. <i>† e</i>       | 413 E. 156                    | Shiebler, H. A.             | S. A. T. C.                 |
| Shea, T. E. <i>m</i>         | 421 W. 57                     | Shields, B. F. <i>† pa</i>  | 311 Main, S. Amboy, N. J.   |
| Shearer, M. S. <i>† e</i>    | 18 W. 102                     | Shields, E. C. <i>† pa</i>  | 315 E. 162                  |
| Shearn, E. P. <i>† b</i>     | 308 W. 78                     | Shields, F. V. <i>† e</i>   | 500 W. 149                  |
| Sheehan, H. C. <i>† b</i>    | Brooks                        | Shields, V. J.              | Naval Unit                  |
| Sheehy, J. E.                | S. A. T. C.                   | Shier, C. <i>e</i>          | 25 St. Nicholas terr.       |
| Sheekey, M. F. <i>† e</i>    | 535 W. 111                    | Shiffman, L. <i>e</i>       | 84 W. 115                   |
| Sheekey, W. R. <i>e</i>      | 535 W. 111                    | Shimkin, I. <i>e</i>        | 75 Manhattan ave., Bklyn    |
| Sheerer, R. C. <i>† pa</i>   | 400 W. 118                    | Shinji, T. <i>gr</i>        | 140 W. 58                   |
| Sheerin, E. R.               | S. A. T. C.                   | Shiomi, K. <i>gr</i>        | 17 E. 83                    |
| Sheffel, F. L. <i>† pa</i>   | 510 W. 124                    | Shire, H. M. <i>† b</i>     | 121 E. 73                   |
| Shefkowitz, H. D.            | S. A. T. C.                   | Shirk, D. A.                | S. A. T. C.                 |
| Sheftel, J.                  | S. A. T. C.                   | Shirley, M. B. <i>† e</i>   | 247-73rd, Bklyn.            |
| Sheibley, M. M. <i>† e</i>   | 434 W. 120                    | Shmukler, H. <i>† e</i>     | 46 Liberty pl., Weehawken   |
| Sheldon, E. L. W. <i>† e</i> | 452 W. 149                    |                             |                             |
| Sheldon, H. L. <i>† e</i>    | 19 W. 107                     |                             |                             |
| Sheldon, S. M. <i>† e</i>    | 450 Riverside dr.             |                             |                             |
| Shelley, R.                  | S. A. T. C.                   |                             |                             |
| Shelmire, J. B. <i>m</i>     | 19 W. 71                      |                             |                             |

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| Shofee, K. <i>bu</i>         | 40 Post ave.                   | Silcox, R. S.                | S. A. T. C.                     |
| Shofner, I. † <i>pa</i>      | 416 W. 122                     | Silkman, E. C. † <i>e</i>    | I E. 56                         |
| Shohet, H. G. <i>gr</i>      | 501 Bergen ave., Jersey City   | Siller, L. M. <i>ph</i>      | 72 Broadway, Kingston, N. Y.    |
| Shoket, C. M. <i>e</i>       | 536 W. 111                     | Silver, E. † <i>b</i>        | 149 Prospect Pk., S. W., Bklyn. |
| Shonbirk, N. <i>e</i>        | 47 W. 34                       | Silver, H. <i>m</i>          | 356 W. 57                       |
| Shorr, P. <i>c</i>           | 405 W. 117                     | Silver, J. E. † <i>e</i>     | Furnald                         |
| Shorr, W. <i>e</i>           | 386 Georgia ave., Bklyn.       | Silver, L. S. <i>e</i>       | 736 W. 181                      |
| Short, J. B. † <i>gr ed</i>  | 55 Hicks, Bklyn.               | Silver, R. † <i>e</i>        | 736 W. 181                      |
| Shrady, J. †                 | A. S. N.                       | Silver, R. † <i>e</i>        | 239 Cooper, Bklyn.              |
| Shrifte, E. † <i>b</i>       | 435 Ft. Washington ave.        | Silverberg, H. S. † <i>e</i> | 15 W. 55                        |
| Shropshire, L. R. <i>e</i>   | Palisades Park, N. J.          | Silverberg, S. J. <i>m</i>   | 358 W. 57                       |
| Shuford, M. F. † <i>m</i>    | 110 Morningside dr.            | Silverberg, W. V. <i>m</i>   | 120 W. 86                       |
| Shulanski, R. <i>e</i>       | 200 W. 81                      | Silverblatt, T.              | Naval Unit                      |
| Shuloff, E.                  | S. A. T. C.                    | Silverman, A. M.             | S. A. T. C.                     |
| Shultes, E. M. † <i>e</i>    | Ardsley, N. Y.                 | Silverman, A. M. <i>l</i>    | Hartford, Conn.                 |
| Shultes, I. M. † <i>e</i>    | Cedarhurst, N. Y.              | Silverman, B. L. † <i>e</i>  | 230 E. 26                       |
| Shultz, W. J. <i>c</i>       | 179 Windsor pl., Bklyn.        | Silverman, I. A. <i>e</i>    | 60 Eldridge                     |
| Shupp, D. L. † <i>gr ed</i>  | 27 Barrow                      | Silverman, J. H. <i>e</i>    | 198 Fifth ave., Bklyn.          |
| Shuschan, R. <i>ph</i>       | 231 Eldridge                   | Silvers, W. T.               | S. A. T. C.                     |
| Shwitzer, S. S.              | S. A. T. C.                    | Silverstein, H.              | S. A. T. C.                     |
| Sibley, H. N.                | S. A. T. C.                    | Silverstein, S.              | Naval Unit                      |
| Sica, A. F. <i>ph</i>        | 264 W. 19                      | Silverstein, S. W.           | S. A. T. C.                     |
| Sicular, A. † <i>b</i>       | 466 W. 151                     | Silverstone, A. J.           | S. A. T. C.                     |
| Sieber, H. W. † <i>e</i>     | 71 Orange, Bklyn.              | Silverstone, C. M.           | S. A. T. C.                     |
| Siegbert, B. M. † <i>b</i>   | 137 Riverside dr.              | Simboli, C. R. <i>gr</i>     | 179 Sullivan                    |
| Siegel, A. V. <i>c</i>       | 167 Ashburton ave., Yonkers    | Simerman, I. <i>e</i>        | 1030 Hoe ave.                   |
| Siegel, B. <i>m</i>          | 207 E. 15                      | Simmons, H. S.               | S. A. T. C.                     |
| Siegel, E. R. † <i>e</i>     | 795 E. 160                     | Simmons, M. V. † <i>pa</i>   | 351 E. 74                       |
| Siegel, J. L. † <i>e</i>     | 2112 Dean, Bklyn.              | Simmons, N. A. † <i>pa</i>   | 407 W. 123                      |
| Siegel, L.                   | S. A. T. C.                    | Simms, E. W. <i>e</i>        | 580 W. 161                      |
| Siegel, M. M.                | S. A. T. C.                    | Simon, C. S.                 | S. A. T. C.                     |
| Siegel, S. <i>e</i>          | 196 S. 1, Bklyn.               | Simon, D. † <i>e</i>         | 680 West End ave.               |
| Siegfried, G. B. † <i>e</i>  | 420 Riverside dr.              | Simon, H.                    | Naval Unit                      |
| Siegfried, M. D. † <i>pa</i> | 72 High, Montclair             | Simon, J. E. † <i>e</i>      | 435 W. 119                      |
| Siegler, J. <i>m</i>         | 233 Newark ave., Jersey City   | Simonet, J. <i>ph</i>        | 295 W. 147                      |
| Siegrist, M. † <i>e</i>      | 106 Morningside dr.            | Simonetti, A. J. † <i>e</i>  | 259 Essex, Bklyn.               |
| Siepsner, N. B. † <i>e</i>   | 228 Atlantic ave., Bklyn.      | Simoni, C. C. <i>m</i>       | 319 W. 95                       |
| Siesel, H. <i>e</i>          | 611 W. 141                     | Simons, B. R. † <i>b</i>     | 350 W. 88                       |
| Siesel, L. C. † <i>pa</i>    | Whittier                       | Simons, C. J.                | S. A. T. C.                     |
| Sievers, S. E. † <i>ed</i>   | 68 Arthur, Yonkers             | Simons, E. J. † <i>e</i>     | 180 W. 88                       |
| Sifert, L. A. <i>e</i>       | 114 W. 39                      | Simons, H. L. <i>gr</i>      | 115 W. 118                      |
| Siff, M. S. <i>e</i>         | 1855 Seventh ave               | Simons, M. E. † <i>pa</i>    | 519 W. 121                      |
| Siglin, T. L. <i>e</i>       | 179 Elisabeth, W. New Brighton | Simonson, C. A. † <i>b</i>   | 464 S. Second ave., Mt. Vernon  |
| Silberblatt, S. S. <i>c</i>  | 120 W. 119                     | Simonson, E. M.              | S. A. T. C.                     |
| Silberfeld, H. † <i>b</i>    | 29 Claremont ave.              | Simpson, D. G. † <i>pa</i>   | 15 E. 38                        |
| Silberkraus, R.              | S. A. T. C.                    | Simpson, D. M. † <i>pa</i>   | Furnald                         |
| Silbersweig, I. M.           | S. A. T. C.                    | Simpson, J. <i>c</i>         | 152 Kent, Bklyn.                |
| Silbert, D. † <i>b</i>       | Brooks                         | Simpson, R. M.               | S. A. T. C.                     |
|                              |                                | Sims, M. M. † <i>pa</i>      | 13 Mt. View pl., Montclair      |

- Simson, C. L. † *pa* 611 W. 127  
 Sinclair, J. E. *gr ed* 62 Taylor, Newark  
 Sinclair, R. S. † *pa* Whittier  
 Sinclair, V. † *e* 323 W. 74  
 Sinclair, W. *ph* 372 Whiton, Jersey City  
 Sinclair, W. B. *e* 372 Whiton, Jersey City  
 Sindle, L. A. † *pa* Whittier  
 Singer, A. N. † *pa* 1391 Madison ave.  
 Singer, E. Naval Unit  
 Singer, H. H. Naval Unit  
 Singer, J. B. S. A. T. C.  
 Singer, L. H. S. A. T. C.  
 Singh, J. N. *ed* Teachers College  
 Sinnigen, G. † *b* 599 Bainbridge, Bklyn.  
 Sinning, H. H. † *e* 35 E. 62  
 Sinsheimer, J. L. † *pa* 330 W. 102  
 Siracuse, F. C. *ph* 2124 Second ave.  
 Siragusa, V. R. *m* 284 Elizabeth  
 Sirginson, E. † *pa* 519 W. 121  
 Siskin, S. † *e* 2621 Eighth ave.  
 Skelly, M. C. † *e* 523 W. 143  
 Skidmore, A. R. S. A. T. C.  
 Skinner, G. E. † *gr ed*  
 167 Joralemon, Bklyn.  
 Skinner, T. B. † *b* 126 Claremont ave.  
 Skipp, F. D. † *e*  
 Forest Hills Inn, Forest Hills  
 Skipton, I. B. † *e*  
 15 Summit ave., New Rochelle  
 Sklow, J. *ph* 32 Johnson ave., Bklyn.  
 Skolfield, M. *m* Blackwells Island  
 Skwirsky, J. *e* 833 E. 170  
 Slack, F. R. † *ed* Mineola, L. I.  
 Slade, B. L. S. A. T. C.  
 Slafkes, M. S. A. T. C.  
 Slauson, E. A. † *e*  
 10 Berkeley, Norwalk, Conn.  
 Slauson, N. E. † *ed* 140 W. 105  
 Slaven, N. E. † *e* 2211 Broadway  
 Slavetsky, I. P. Naval Unit  
 Slawson, A. † *b* 606 W. 116  
 Slawson, J. *c* 5323 Sixth ave., Bklyn.  
 Slee, M. † *e* 2465 Broadway  
 Sleeper, M. B. *e* 42 Washington sq.  
 Slepyan, B. S. A. T. C.  
 Slevin, F. X. *e* 948 Park ave.  
 Slick, V. † *pa* 230 Riverside dr.  
 Sloan, C. G., Jr. Naval Unit  
 Sloane, C. † *e* 790 Riverside dr.  
 Sloat, A. S. A. T. C.  
 Slobodkin, S. G. *e* 139-57th, Bklyn.  
 Slocum, H. L. † *b* Brooks  
 Sloeman, P. A. *e* 438 W. 116  
 Slorer, W. D. S. A. T. C.  
 Small, D. † *b* 606 W. 116  
 Small, F. R. S. A. T. C.  
 Small, K. W. † *b* 301 E. 207  
 Small, S. T. S. A. T. C.  
 Smalley, D. D., Jr. *e*  
 33 Manning ave., Plainfield  
 Smart, Mrs. P. H. † *e* 37 Charlton  
 Smedley, E. A. † *b*  
 81 Hampton, Elmhurst  
 Smenner, A. O. † *pa* 540 W. 122  
 Smiley, E. F. *gr* 600 W. 122  
 Smith, A. B. † *gr ed* 416 W. 118  
 Smith, A. H. S. A. T. C.  
 Smith, A. J. S. A. T. C.  
 Smith, A. R. S. A. T. C.  
 Smith, A. M. † *gr*  
 42 Park ave., Bloomfield  
 Smith, A. W. S. A. T. C.  
 Smith, A. W. † *e* 42 Northern ave.  
 Smith, B. † *ed*  
 608 Warburton ave., Yonkers  
 Smith, B. A. † *gr ed* 514 W. 122  
 Smith, C. † *ed* 435 W. 119  
 Smith, C. O., Jr. Naval Unit  
 Smith, D. B. † *gr* 165 W. 58  
 Smith, D. H. † *e* Whittier  
 Smith, D. H. *c* 12 E. 110  
 Smith, D. M. † *e* 81 Morningside ave.  
 Smith, E. *e*  
 47 Highland ave., Jersey City  
 Smith, E. C. *e* 501 W. 113  
 Smith, E. E. † *pa*  
 Hillbourne, Katonah, N. Y.  
 Smith, E. I. † *b* 606 W. 116  
 Smith, E. L. † *gr*  
 18 Rochelle pl., New Rochelle  
 Smith, F. B. † *e* 505 W. 121  
 Smith, F. N. † *gr* 507 W. 121  
 Smith, F. N. *gr ed* 575 W. 159  
 Smith, F. T. S. A. T. C.  
 Smith, G. C. A. S. A. T. C.  
 Smith, G. M. S. A. T. C.  
 Smith, G. M. † *pa* 500 Manhattan ave.  
 Smith, G. M. † *b* Brooks  
 Smith, H. C. † *pa*  
 5 Berkeley Heights Pk., Bloomfield  
 Smith, H. K. S. A. T. C.  
 Smith, H. N. † *pa* 331 W. 101  
 Smith, H. R. † *e* 224 Walnut, Montclair  
 Smith, H. W. S. A. T. C.  
 Smith, I. B. † *e* Glen Cove  
 Smith, J. A. S. A. T. C.



|                              |                             |                               |                                     |
|------------------------------|-----------------------------|-------------------------------|-------------------------------------|
| Smith, J. M. <i>e</i>        | 618 Prospect ave., Bklyn.   | Soff, LeR. D. <i>c</i>        | 228 E. 67                           |
| Smith, K. L. <i>† b</i>      | 606 W. 116                  | Sogo, K. <i>bu</i>            | 633 W. 115                          |
| Smith, L. C. <i>gr</i>       | 175 Ninth ave.              | Sokolofsky, S.                | S. A. T. C.                         |
| Smith, L. C. <i>† b</i>      | 348 Passaic, Hackensack     | Soley, M. L. <i>† b</i>       | 428 W. 204                          |
| Smith, L. E. <i>† pa</i>     | Furnald                     | Solley, F. W. <i>m</i>        | 114 E. 60                           |
| Smith, M. <i>† e</i>         | 225 W. 14                   | Solodow, M. C. <i>e</i>       | 246 Pacific, Bklyn.                 |
| Smith, M. <i>† e</i>         | 1914 Daly ave.              | Solomon, D. <i>e</i>          | 1131-45th, Bklyn.                   |
| Smith, M. A. <i>† pa</i>     | 145 E. 176                  | Solomon, M. J. <i>† e</i>     | 638 W. Front, Plainfield            |
| Smith, M. G. <i>† e</i>      | 329 Warburton ave., Yonkers | Solomon, N. <i>† e</i>        | 638 W. Front, Plainfield            |
| Smith, M. H. <i>† e</i>      | 318 W. 57                   | Solomon, S. M.                | 1563 E. Parkway, Bklyn.             |
| Smith, M. L. <i>† pa</i>     | 135 Phelps ave., Englewood  | Solomon, W.                   | S. A. T. C.                         |
| Smith, M. L. <i>† e</i>      | 470 W. 165                  | Solow, D. R. <i>† e</i>       | 160 Crescent, Bklyn.                |
| Smith, M. N. <i>† b</i>      | 81 Whitney ave., Elmhurst   | Soltes, M. <i>gr ed</i>       | 609 Willoughby ave., Bklyn.         |
| Smith, M. O. <i>† pa</i>     | 340 W. 85                   | Somberg, C. <i>† e</i>        | 568 Prospect ave.                   |
| Smith, M. R. <i>† pa</i>     | 500 Manhattan ave.          | Somberg, J. S. <i>m</i>       | 437 W. 59                           |
| Smith, M. T. <i>† pa</i>     | Whittier                    | Somer, D. <i>e</i>            | 1469 Fulton ave.                    |
| Smith, M. W.                 | S. A. T. C.                 | Somerdin, H. <i>c</i>         | 970 Tinton ave.                     |
| Smith, M. W. <i>† ed</i>     | 619 W. 127                  | Somerville, I. B. <i>ed</i>   | Ridgewood, N. J.                    |
| Smith, P. L. <i>gr</i>       | 318 W. 57                   | Somerville, L. R. <i>† e</i>  | 151 W. 76                           |
| Smith, P. L. <i>† pa</i>     | 420 W. 121                  | Sones, M. V. <i>† gr ed</i>   | 135 E. 52                           |
| Smith, R. C.                 | S. A. T. C.                 | Sonhami, R. <i>† b</i>        | 617 W. 143                          |
| Smith, R. H. <i>† ed</i>     | Furnald                     | Sonntag, F. B. <i>† e</i>     | 201 W. 107                          |
| Smith, R. J.                 | Naval Unit                  | Sonobe, H. <i>gr</i>          | 54 Morningside dr.                  |
| Smith, R. L. <i>† e</i>      | 307 W. 114                  | Sontag, M. <i>e</i>           | 3322 Third ave.                     |
| Smith, R. R. <i>e</i>        | 538 New Jersey ave., Bklyn. | Soper, W. E.                  | S. A. T. C.                         |
| Smith, R. S. <i>gr</i>       | W. Fort Lee, N. J.          | Sornberger, L. I. <i>† pa</i> | Whittier                            |
| Smith, R. W.                 | S. A. T. C.                 | Sosa, J. A. <i>c</i>          | 430 W. 118                          |
| Smith, T. H.                 | S. A. T. C.                 | Soslopyk, R. <i>e</i>         | 270 Irving ave., Bklyn.             |
| Smith, V. C. <i>gr</i>       | 47 Fulton                   | Sosnovsky, A. <i>ph</i>       | 246 E. 35                           |
| Smith, W. A. <i>e</i>        | 125 Wadsworth ave.          | Sottile, J. <i>ph</i>         | 345 E. 120                          |
| Smith, W. H. <i>e</i>        | 880 Forest ave.             | Soule, F. DeV. P. <i>gr</i>   | 510 W. 124                          |
| Smithline, A. <i>ph</i>      | 251 W. 144                  | Soule, H. M. <i>† e</i>       | 138 E. 36                           |
| Smolen, M.                   | Naval Unit                  | Soule, R. P.                  | S. A. T. C.                         |
| Snedeker, W. <i>e</i>        | 200 Jackson, Hempstead,     | Soules, D. C. <i>gr</i>       | Union Theo. Seminary                |
| Snell, A. J. C. <i>† gr</i>  | 419 W. 118                  | Soulleyet, V. M. <i>† e</i>   | * 11 Winthrop pl., Maplewood, N. J. |
| Snider, A. L. <i>† gr ed</i> | 106 Morningside dr.         | Soupine, A. <i>† ph</i>       | 511 E. 135                          |
| Sniffen, S. B. <i>m</i>      | 28 Lake, White Plains       | Southand, P. G.               | S. A. T. C.                         |
| Snitow, H. <i>† e</i>        | 588-10th                    | Southworth, E. R. <i>† gr</i> | Furnald                             |
| Snow, B. J. <i>e</i>         | 366 Wadsworth Ave.          | Soverel, M. L. <i>† e</i>     | Furnald                             |
| Snow, M. R. <i>† gr ed</i>   | 386-4th, Bklyn.             | Sowter, H. <i>† pa</i>        | 24 Fiske pl., Bklyn.                |
| Snow W. <i>ph</i>            | 180 Harrison ave., Bklyn.   | Spafford, E. H. <i>† e</i>    | 152 W. 57                           |
| Snow, W.                     | S. A. T. C.                 | Spagnuolo, J. <i>ph</i>       | 412 E. 119                          |
| Snyder, C. E. <i>† gr ed</i> | 125 Maple ave.              | Spahr, M. <i>† gr</i>         | Princeton, N. J.                    |
| Snyder, L. <i>† bu</i>       | Furnald                     | Spain, M. E. <i>† e</i>       | 507 W. 121                          |
| Sobel, M. <i>e</i>           | 840 E. Parkway, Bklyn.      | Spalding, E. E.               | S. A. T. C.                         |
| Sobel, S. L. <i>† e</i>      | 935 E. 163                  | Spalding, F. B. <i>† pa</i>   | 160 Claremont ave.                  |
| Soble, A. <i>c</i>           | 358 W. 57                   | Spalter, I. <i>e</i>          | 368 Van Sicklen ave., Bklyn.        |
| Soder, F. C.                 | S. A. T. C.                 | Sparkes, A. L. <i>† e</i>     | 236 E. 104                          |
|                              |                             | Sparks, T. A. <i>gr</i>       | 175 Ninth ave.                      |
|                              |                             | Spaulding, G. <i>† pa</i>     | 160 Claremont ave.                  |

- Spaulding, J. E. † *ed*  
430 Sterling pl., Bklyn.
- Spear, E. L. † *e* 838 West End ave.
- Spears, H. † *e* 2314 Broadway
- Specter, L. *m* 631 E. 168
- Spector, R. G. † *e* 132 W. 118
- Spector, S. *e* 208 W. 111
- Spence, F. E. † *e* 421 W. 121
- Spence, J. R. *e* 137 W. 82
- Spence, L. A. S. A. T. C.
- Spence, M. C. *c* 659 W. 183
- Spence, N. B. † *pa*  
123 Fairview ave., Jersey City
- Spence, P. C. *e* 170 W. 71
- Spence, P. W. S. A. T. C.
- Spence, R. P. † *e* 135 E. 52
- Spencer, R. J. S. A. T. C.
- Sperling, J. *m* 108 Mesevale, Bklyn.
- Spero, H. † *e* 817 West End ave.
- Spertus, W. *ph* 159 Rivington
- Spewack, S. *j* 1141 Park ave.
- Spicer, E. M. † *gr ed* 133 W. 4
- Spicer, J. H. *e*  
202 Park ave. Port Richmond
- Spicer, L. E. † *gr ed* Whittier
- Spielman, F. S. A. T. C.
- Spier, L. *gr* 515 W. 111
- Spiller, J. B. *c* 891 Jefferson ave., Bklyn
- Spilsbury, B. G. † *pa* Furnald
- Spindler, A. W. S. A. T. C.
- Spinelli, D. H. S. A. T. C.
- Spinning, E. G. † *e* 208 N. 9 Newark
- Spiriti, M. H. *l* 54 W. 91
- Spitz, P. S. S. A. T. C.
- Spivak, F. S. A. T. C.
- Spivey, J. L. *m* 19 W. 71
- Spohn, W. A. *e* 234 E. 69
- Sprague, M. A. † *gr* 417 W. 120
- Spring, B. P. † *e* 255 W. 108
- Spring, W. J. *c* 255 W. 108
- Springer, G. † *e* 106 Morningside dr.
- Sproul, A. E., Jr. S. A. T. C.
- Sproul, H. C. S. A. T. C.
- Sprowles, A. B. † *ed* 414 W. 118
- Sprung, C. S. A. T. C.
- Spurgeon, G. W. *e* 568 W. 192
- Squires, C. D. † *e* Furnald
- Squires, T. † *e* 723 St. Nicholas ave.
- Squires, W. M. *c* 73 Bay 20, Bklyn.
- Srednik, D. † *e* 500 W. 122
- Stackhouse, E. † *pa* Whittier
- Stackpole, C. E. † *e* 525 W. 120
- Stackpole, S. H. † *e* 110 Morningside dr.
- Stacy, N. W. *e* Livingston
- Stafford, G. L. † *ed* 420 W. 121
- Stafford, P. F. † *pa* 420 W. 121
- Stahl, S. S. A. T. C.
- Stair, J. *e* 25 St. Nicholas terr.
- Stamatiades, P. E. *m* 415 W. 57
- Stamenova, P. K. † *pa* 620 W. 122
- Stammer, M. *e* 234-7th
- Stanard, J. B. S. A. T. C.
- Stanbrough, G. L. † *b* 306 W. 103
- Standard, P. *c*  
1501 Eastern Pkway., Bklyn.
- Standard, S. *c* 636 E. 170
- Standard, W. L. Naval Unit
- Stankoff, Z. V. † *e* 189 Claremont ave.
- Stanton, A. E. H. † *j* 403 W. 115
- Stanton, E. W. *e* 3064 Bailey ave.
- Stanton, J. † *b* 54 S. Portland ave., Bklyn.
- Stanton, M. V. † *e* 762 E. 165
- Stanwood, R. H. S. A. T. C.
- Staples, J. G. † *gr*  
120 N. Columbia ave., Mt. Vernon
- Stappert, M. A. † *gr*  
796 Frelinghuysen ave., Newark
- Starin, M. W. *e* 1020 E. 179
- Stark, A. S. A. T. C.
- Starke, E. G. † *b* Furnald
- Starke, H. J. *e* 700 W. 179
- Starkey, M. E. † *e* 79th and Broadway
- Starkey, R. D. † *e* 79th and Broadway
- Stearns, P. † *e* 441 W. 21
- Stebbins, E. B. † *e* 265 W. 81
- Stebbins, L. C. † *e* 36 W. 93
- Stecher, L. I. † *e* 417 W. 118
- Steck, M. V. † *e* 50 Morningside dr.
- Stecker, W. W. S. A. T. C.
- Steckert, F. E. † *e* 501 W. 120
- Steckler, L. *ph* 1465 Fifth ave.
- Steckler, R. † *pa* 241 W. 101
- Steele, B. *e* 23 W. 76
- Steele, E. C. † *gr* Furnald
- Steele, E. W. † *ed* Whittier
- Steelman, L. M. † *e* 11 Dominick
- Steeves, E. B. † *pa*  
101 E. Post rd., White Plains
- Steeves, M. E. † *e* 524-2nd, Bklyn.
- Steffens, C. D. *e* 660-54th, Corona
- Steiger, R. † *e* Whittier
- Steiger, R. A. K. *e* 88 Ann, Newark
- Stein, A. *e* 31 E. 7
- Stein, A. A. † *e*  
505 Richmond ter., New Brighton
- Stein, J. F. S. A. T. C.

Stein, N. † *e* 552 Riverside dr.  
 Steinbar, M. T. † *gr* Whittier  
 Steinberg, C. *ph* 1790 Sterling pl., Bklyn.  
 Steinberg, C. † *ph* 661 E. 170  
 Steinberg, H. † *e* 155 E. 105  
 Steinberg, V. J. S. A. T. C.  
 Steinbugler, L. J. S. A. T. C.  
 Steiner, J. H. *e* Hillsdale, N. J.  
 Steiner, L. S. Naval Unit  
 Steinfeld, L. † *e* 238 W. 106  
 Steinfeld, V. G. *e* 238 W. 106  
 Steinhardt, M. † A. S. N.  
 Steingesser, E. *e* 150 Ridge  
 Steinhoff, E. † *e* 2492 Elm pl.  
 Steinschneider, R. S. A. T. C.  
 Stelle, E. T., Jr. S. A. T. C.  
 Stelzer, J. *e* 101 Middleton, Bklyn.  
 Stendel, H. L. *e* 201 W. 106  
 Stender, A. F. *e* 900 Riverside dr.  
 Stenhouse, M. † *gr* 400 W. 118  
 Stephens, L. † *e* Whittier  
 Stephenson, J. M † *ed* 604 W. 125  
 Sterling, G. R. † *ed* 59 E. Eaton, Bridgeport, Conn.  
 Sterling, H. T. *e* 341 Walnut, Yonkers  
 Sterling, N. A. *e* 112 W. 117  
 Serman, M. M. *m* 26 W. 113  
 Stern, A. *m* 21 Coenties Slip  
 Stern, C. M. † *pa* 236 W. 70  
 Stern, E. J. † *e* 45 Pinehurst ave.  
 Stern, E. L. *m* 1183-3rd  
 Stern, H. E. † *e* 276 Riverside dr.  
 Stern, H. W. *ph* 115 W. 68  
 Stern, M. *e* 1473 Madison ave.  
 Stern, R. I. † *e* Whittier  
 Stern, R. L. S. S. A. T. C.  
 Sternberg, H. *m* 55 Morton, Bklyn.  
 Sternberg, L. † *b* 13 E. 94  
 Sterrette, A. W. *e* 2534 Broadway  
 Sterz, E. C. † *pa* Whittier  
 Sterz, G. † *pa* Whittier  
 Stessel, M. L. *c* 1815 Seventh ave.  
 Stetson, E. S. † *pa* 30 Odell ave., Yonkers  
 Stevens, Mrs. H. † *e* 255 Ft. Washington ave.  
 Stevens, M. H. *m* 58 S. Maple ave., E. Orange  
 Stevens, M. S. † *gr* Furnald  
 Stevens, O. B. *ph* Mattewan, N. J.  
 Stevens, P. J. *e* 1309 Clinton ave.  
 Stevens, R. L. *e* 226 W. 111  
 Stevens, R. L. † *e* 434 W. 120

Stevenson, H. G. † *e* 136 Second ave., Newark  
 Stevenson, S. † *pa* 50 W. 84  
 Stevenson, W. O. *c* 102 Waverly pl.  
 Steward, H. D. *gr ed* 9 Conklin ave., Newark  
 Stewart, A. W. *c* 512 W. 171  
 Stewart, C. D. † *e* 57 Winant ave., Ridgefield Park  
 Stewart, G. L. † *pa* Whittier  
 Stewart, I. M. † *e* 125 Riverside dr.  
 Stewart, J. F. S. A. T. C.  
 Stewart, J. L. S. A. T. C.  
 Stewart, L. † *pa* 140 Rich ave., Mt. Vernon  
 Stewart, L. B. † *e* 611 W. 137  
 Stewart, M. † *e* 3. W. 8  
 Stewart, M. E. † *ed* New Wilmington, Pa.  
 Stewart, R. B. S. A. T. C.  
 Stewart, V. † *b* Brooks  
 Stewart, V. † *e* 101 Kingsbridge rd.  
 Stiasny, R. O. *e* 900 Riverside dr.  
 Stickland, G. I. † *gr* 444 Classon ave., Bklyn.  
 Stickle, S. A. Naval Unit  
 Stickney, A. L. † *b* Brooks  
 Stickney, R. C. *m* 575 West End ave.  
 Stieglitz, E. † *e* 60 E. 65  
 Stieglitz, M. *ph* 333 E. 100  
 Stieglitz, S. † *ph* 119 E. 113  
 Stiehl, I. V. † *pa* 63 Prospect, White Plains  
 Stier, R. F. E. *m* Metropolitan Hosp.  
 Stimpson, C. T. † *e* 601 W. 110  
 Stimson, S. Naval Unit  
 Stinson, M. M. † *e* 112 Schermerhorn, Bklyn.  
 Stirl, M. L. † *e* 55 Pineapple, Bklyn.  
 Stivelman, B. S. † *e* Bedford Hills  
 Stock, H. *gr* 188 Suffolk  
 Stockdale, J. F. *gr* 401 W. 118  
 Stocker, C. † *ed* 514 W. 135  
 Stocker, S. P. † *pa* 514 W. 135  
 Stockhammer, F. S. A. T. C.  
 Stockton, H. I. † *pa* 500 W. 122  
 Stockwell, A. B. † *ed* 46 N. Fullerton ave., Montclair  
 Stoddard, P. C. † *e* 76 Midland ave., E. Orange  
 Stoddard, R. S. † *e* 1214 Dean, Bklyn.  
 Stoff, C. G. † *e* 22 Mt. Morris Park W.  
 Stoltenberg, H. † *e* 540 W. 122  
 Stoltz, E. O. † *pa* 509 W. 121

- Stone, E. M.  $\dagger e$  Whittier  
 Stone, F. E.  $m$  437 W. 59  
 Stone, F. H.  $\dagger pa$  137 W. 12  
 Stone, L. S. A. T. C.  
 Stone, L. C. Naval Unit  
 Stone, M.  $m$  148 W. 129  
 Stone, M. C.  $\dagger pa$  Whittier  
 Stone, M. L. Naval Unit  
 Stone, V. A.  $\dagger e$  Whittier  
 Storm, F.  $\dagger pa$  421 W. 121  
 Storms, A. I.  $e$  176 E. 32, Paterson  
 Storrie, E. L.  $\dagger pa$  Furnald  
 Story, A. DuB.  $\dagger pa$  Whittier  
 Story, B.  $e$  219 Audubon ave.  
 Stout, A. M.  $\dagger e$  8724 Ridgeblvd., Bklyn.  
 Stout, E. M.  $\dagger e$  27 Locust ave., New Rochelle  
 Strang, A. V.  $\dagger pa$  Whittier  
 Strang, I. W.  $\dagger b$  256 W. 100  
 Strange, O.  $\dagger pa$  86 Harrison, E. Orange  
 Strangford, R. L. Naval Unit  
 Strassburger, R.  $\dagger e$  Central ave., Woodmere  
 Stratton, M. S.  $\dagger ed$  Amityville, N. Y.  
 Stratton, R. J.  $\dagger e$  527 W. 124  
 Straus, A. M.  $\dagger e$  26 E. 83  
 Straus, E. H. Naval Unit  
 Strauss, L. H. Naval Unit  
 Strauss, N. S. A. T. C.  
 Strebeling, H. K.  $\dagger pa$  Whittier  
 Street, F.  $\dagger$  A. S. N.  
 Streid, F. I.  $\dagger gr ed$  Whittier  
 Streightoff, F. H. S. A. T. C.  
 Strier, S.  $\dagger b$  419 Jersey, New Brighton  
 Stringer, H. R. S. A. T. C.  
 Strittmatter, E. J.  $c$  115 Hauxhurst ave., Weehawken  
 Strobel, M. B.  $\dagger e$  317 W. 103  
 Strode, L.  $e$  612 W. 112  
 Strong, G. W. S. A. T. C.  
 Strong, I. W.  $\dagger pa$  Whittier  
 Strong, L. C.  $gr$  554 W. 125  
 Strong, M. E.  $\dagger e$  1920 Loring pl.  
 Strong, M. H.  $\dagger gr ed$  243 Bedford Park blvd.  
 Strongin, H. F.  $m$  Livingston  
 Stroock, B. M.  $\dagger b$  88 Central Park W.  
 Strouse, I. S. Naval Unit  
 Strubani, W.  $e$  204 W. 55  
 Strutzenberg, H. S. A. T. C.  
 Stuart, F. G.  $\dagger pa$  Whittier  
 Stuart, M.  $e$  527 W. 124  
 Stuart, M. C.  $\dagger b$  Brooks
- Stucky, N. McG.  $\dagger e$  519 W. 121  
 Studensky, P.  $gr$  2147 Honeywell ave.  
 Stumpp, G. O. Naval Unit  
 Sturdevant, E. W. S. A. T. C.  
 Sturtevant, S. M.  $\dagger gr ed$  527 W. 121  
 Sturgeon, C. J.  $\dagger e$  31 W. 71  
 Styles, J. G.  $\dagger e$  500 W. 122  
 Su, S. G.  $gr$  524 W. 123  
 Suchman, H.  $l$  600 W. 165  
 Suchoff, L.  $\dagger gr ed$  2010 Seventh ave.  
 Sucoff, M. C.  $m$  43 Van Buren, Passaic  
 Suer, A.  $m$  638 Crotona Park S.  
 Suffren, M. W.  $\dagger gr$  68 Buckingham rd., Bklyn.  
 Sugerman, I. S. A. T. C.  
 Sugerman, I. C.  $\dagger e$  812 Elmsmere pl.  
 Sugimoto, H. I.  $\dagger e$  414 W. 121  
 Sugiyama, M.  $gr$  161 W. 93  
 Sugiyama, R.  $gr$  102 W. 123  
 Sukloff, H. S. A. T. C.  
 Sullivan, C.  $\dagger gr$  418 W. 118  
 Sullivan, D. S. A. T. C.  
 Sullivan, E. J.  $\dagger e$  190 Belmont ave., Jersey City  
 Sullivan, J. V.  $e$  122 W. 80  
 Sullivan, J. W.  $e$  621 W. 179  
 Sullivan, M. E.  $\dagger e$  15 Claremont ave.  
 Sullivan, M. R.  $\dagger e$  662 Clove Road, W. New Brighton  
 Sully, W., Jr.  $l$  375 Park ave.  
 Summer, L. H.  $\dagger pa$  Whittier  
 Summerill, F.  $m$  318 W. 57  
 Sun, T.  $gr$  430 W. 118  
 Sundermann, A.  $\dagger e$  463 Ogden ave., Jersey City  
 Sundermann, F. S.  $\dagger e$  463 Ogden ave., Jersey City  
 Super, E. M.  $\dagger gr ed$  1161 Amsterdam ave.  
 Susman, H.  $ph$  59 Hockton, Bklyn.  
 Sussdorff, A. E.  $\dagger pa$  119 State, Bklyn.  
 Susselman, N.  $e$  115 Clinton, Hoboken  
 Sussman, L. S. A. T. C.  
 Sutherland, E. W.  $e$  12 E. 64  
 Sutton, M. E.  $\dagger b$  278 Claremont ave., Jersey City  
 Sutton, M. R.  $\dagger e$  323 Crooks ave., Paterson  
 Sutton, R. D.  $\dagger e$  Smithtown Branch, L. I.  
 Sutton, V. R.  $\dagger e$  Harmon  
 Suzuki, K. W.  $e$  102 W. 123  
 Suzuki, S.  $gr$  600 W. 122



Suzuki, T. *gr* 709 W. 170  
 Swabsky, I. † *pa* Whittier  
 Swahn, A. D. S. A. T. C.  
 Swan, A. † *e* 130 Claremont ave.  
 Swan, H. T., Jr. S. A. T. C.  
 Swann, A. P. † *gr ed* 22 E. 11  
 Swanson, D. H. S. A. T. C.  
 Swerdlove, H. S. A. T. C.  
 Sweatt, V. W. † *e* 320 W. 107  
 Sweeney, A. M. † *pa* 519 W. 121  
 Sweeney, A. R. † *b* 233 Union, Bklyn.  
 Sweeney, H. W. S. A. T. C.  
 Sweeny, F. J. *m* 172 W. 81  
 Sweet, M. L. † *pa* Whittier  
 Sweet, S. W. *m* 334 W. 56  
 Swett, C. P. † *gr ed* 677 W. 204  
 Swift, C. H. S. A. T. C.  
 Swift, J. † *pa* 941 Blvd., E. Weehawken  
 Swift, W. E. *m* 156 E. 79  
 Swinburne, S. P. † *pa*  
 39 Poplar ave., Hackensack  
 Sworts, V. C. † *b* 508 W. 114  
 Sydemann, W. H. *e* 201 W. 54  
 Sykes, G. *e* 120 Broadway  
 Sylvan, F. E. † *gr ed* Furnald  
 Sylvania, L. E. V. † *gr*  
 211 Passaic, Hackensack  
 Sylvester, C. L. S. A. T. C.  
 Sylvester, G. E. † *gr ed*  
 170 Edgar Lane, Hastings  
 Syrett, W. H. S. A. T. C.  
 Syyaap, C. *e* 137 W. 82  
 Tabershow, A. L. *e*  
 1671 Prospect pl., Bklyn.  
 Taff, I. A. † *b* 320 W. 107  
 Taff, M. F. † *b* 320 W. 107  
 Taft, R. C. † *pa* Whittier  
 Tag, R. R. S. A. T. C.  
 Tager, A. W. S. A. T. C.  
 Tai, E. C. *bu* 511 W. 112  
 Tai, F. *gr* 500 W. 122  
 Tait, N. S. † *e* 153 E. 18  
 Takagaki, T. *gr* 536 W. 113  
 Takase, S. *gr* 41 Convent ave.  
 Takashima, S. *gr* 600 W. 144  
 Takegawa, J. T. *gr* 120 Broadway  
 Takei, D. *gr* 48 W. 91  
 Taketomo, T. *gr*  
 180 St. John's pl., Bklyn.  
 Talbot, L. M. † *e* 288 Front  
 Talley, M. R. † *b* 224 Hamilton, Rahway  
 Tan, C. † *pa* Whittier  
 Tan Ditter, S. † *pa* 430 W. 118

Tanenbaum, E. P. † *ed*  
 215 E. 22, Bayonne  
 Tanenbaum, F. L. † *e* 315 Central Pk. W.  
 Tang, C. Y. *gr* 430 W. 118  
 Tang, I. J. † *ed* Whittier  
 Tannenbaum, W. *ph* 284 E. 2  
 Tansy, E. C. † *e* Irvington  
 Tanzer, M. *m* 105 E. 96  
 Tapia, A. A. *e* 7 Hanover sq.  
 Tappan, V. † *b* Brooks  
 Tapper, I. M. *e* 42 Rivington  
 Tariela, H. E. † *ph* 115 W. 68  
 Tarnower, C. Naval Unit  
 Tastrom, E. P. S. A. T. C.  
 Tateishi, J. *e* 102 W. 123  
 Tattershall, F. † *e*  
 57 Harrison, E. Orange  
 Taub, A. *ph* 262 First ave.  
 Taub, H. *ph* 262 First ave.  
 Tauber, R. † *e* 457 E. 9, Bklyn.  
 Taubin, S. *c* 179 E. 100  
 Taylor, C. M. † *pa* Whittier  
 Taylor, D. M. S. A. T. C.  
 Taylor, E. A. † *b* 147 W. 105  
 Taylor, E. B. † *gr* 106 Morningside dr.  
 Taylor, E. D. † *e* 107 W. 84  
 Taylor, E. L. S. A. T. C.  
 Taylor, E. W. † *b* Whittier  
 Taylor, G. A. † *e* 50 Northern ave.  
 Taylor, J. B. † *pa* 251 W. 97  
 Taylor, J. E. S. A. T. C.  
 Taylor, M. D. † *ed*  
 130 Second ave., Newark  
 Taylor, M. E. † *pa* Whittier  
 Taylor, M. E. † *e* 106 Morningside dr.  
 Taylor, M. S. † *pa* Whittier  
 Taylor, M. S. † *e* 212 W. 120  
 Taylor, M. S. † *pa* 400 W. 118  
 Taylor, P. † *b* 130 Claremont ave.  
 Taylor, S. B. S. A. T. C.  
 Taylor, T. A. S. A. T. C.  
 Taylor, W. T. S. A. T. C.  
 Teeple, G. F. † *pa* Whittier  
 Teitelbaum, A. D. *e* 826 Cauldwell ave.  
 Teitelbaum, B. † *pa* Whittier  
 Teixeira, C. † *e* 158 W. 78  
 Telfer, M. L. † *e* 173 Barclay, Flushing  
 Tellman, D. H. *c*  
 109 Johnson ave., Bklyn.  
 Temliak, S. † *ph* 50 E. 103  
 Temperlyn, W. *ph* 17 E. 15, Paterson  
 Temple, J. E. † *pa* 416 W. 122  
 Tendler, A. D. *gr* 1027 E. 167

- Teng, T. Y. *e* 512 W. 122  
 Teng, Y. T. *e* 415 W. 115  
 Tennant, R. A. *ed* Ridgewood, N. J.  
 Tennenbaum, H. † *e* 623-8th  
 Tenrosen, D. *gr ed* 8 W. 119  
 Teplitsky, D. *c* 181 Thatford ave., Bklyn.  
 Terhune, A. McK. S. A. T. C.  
 Terhune, G. A. S. A. T. C.  
 Terhune, L. † *pa* Pompton Lakes, N. J.  
 Terpening, A. P. S. A. T. C.  
 Terrell, A. T. *a* 430 W. 118  
 Terriberry, E. † *b* 120 W. 73  
 Terry, A. E. † *e* 106 Morningside dr.  
 Terry, E. † *gr ed* 15 Franklin pl., Summit  
 Terstegge, M. † *e* 271 Fifth, Newark  
 Terwilliger, P. † *e* 417 W. 114  
 Terwilliger, R. E. *e* 2414 Creston ave.  
 Terwilliger, W. G. S. A. T. C.  
 Tetrick, A. R. † *pa* Whittier  
 Tewell, J. R. *e* 212 W. 105  
 Tewes, M. C. † *b* 511 Broadway, Astoria  
 Tewksbury, D. G. S. A. T. C.  
 Thalmann, P. E. *e* 150 W. 59  
 Thatcher, H. W. S. A. T. C.  
 Thatcher, M. K. † *pa* 430 W. 118  
 Thayer, G. R. *e* 876 Park ave.  
 Thayer, Mrs. G. R. † *e* 876 Park ave.  
 Thayer, L. I. *m* 437 W. 59  
 Theel, R. S. A. T. C.  
 Theobald, T. † *e* 417 W. 118  
 Theodore, B. † *e* Hotel Wellington  
 Theodoropoulos, C. M. † *e* 1 Broadway  
 Thibaudeau, M. † *gr ed* Furnald  
 Thibaut, N. J. † *pa* 166 W. 86  
 Thirlwall, K. C. † *b* 606 W. 116  
 Thom, M. G. † *pa* Furnald  
 Thomas, D. S. † *b* 606 W. 116  
 Thomas, E. S. † *e* 507 W. 113  
 Thomas, F. † *e* Hotel Martha Washington  
 Thomas, F. H. *c* 625 W. 113  
 Thomas, G. † *e* 49 W. 9  
 Thomas, G. R. *gr ed* 1759-72nd, Bklyn  
 Thomas, P. † *b* 420 W. 119  
 Thomas, T. P. † *gr ed* Summit High School, Summit  
 Thomas, T. S., Jr. *m* 27 W. 61  
 Thomas, W. M. Naval Unit  
 Thomashefsky, M. *c* 549 Bedford ave., Bklyn.  
 Thomasian, V. M. † *e* 500 W. 122  
 Thompson, B. † *e* St. Faith's Home  
 Thompson, B. J. † *pa* Whittier  
 Thompson, D. G. † *pa* Whittier  
 Thompson, E. B. † *pa* 509 W. 121  
 Thompson, F. J. † *pa* 509 W. 121  
 Thompson, F. W. † *b* 155 W. 58  
 Thompson, G. S. † *gr* 420 W. 116  
 Thompson, H. † *pa* 609 W. 127  
 Thompson, J. T. † *e* 639 Tyler pl., W. New York  
 Thompson, K. R. Naval Unit  
 Thompson, M. F. † *pa* 523 W. 121  
 Thompson, M. L. † *gr ed* Whittier  
 Thompson, W. G. *gr* 666 St. Nicholas ave.  
 Thomson, C. E., Jr. *m* 437 W. 59  
 Thomson, F. R. S. A. T. C.  
 Thorburn, W. F. A. S. A. T. C.  
 Thorndike, M. L. † *e* 461 Ft. Washington ave.  
 Thornhill, G. P. † *gr ed* Whittier  
 Thornton, A. † *gr* 65 W. 96  
 Thornton, C. L. M. S. A. T. C.  
 Thorpe, F. *m* 45 E. 42  
 Thrall, E. H. † *gr ed* Whittier  
 Thrall, M. M. † *gr* Furnald  
 Throckmorton, J. S., Jr. S. A. T. C.  
 Tichenor, S. P. S. A. T. C.  
 Tiemann, E. M. † *b* 382 Wadsworth ave.  
 Tiernan, M. G. † *e* 25 W. 65  
 Tierney, E. B. † *gr ed* 430 W. 119  
 Tierney, G. C. † *e* 127 W. 90  
 Tietjen, H. S. A. T. C.  
 Tilly, A. T. S. A. T. C.  
 Timme, L. H. † *e* 33 W. 67  
 Timmins, J. J. S. A. T. C.  
 Timroth, G. A. *e* 521 W. 122  
 Timroth, G. F. † *e* 599 Hancock, Bklyn.  
 Tingley, P. E. † *e* 529 W. 158  
 Tinkham, L. B. † *e* 509 W. 121  
 Tinkler, B. R. *m* 346 W. 57  
 Tinkler, R. D. † *e* 340 W. 86  
 Tiraegui, L. L. A., *gr ed* 421 W. 117  
 Tisdale, D. H. † *pa* 611 W. 158  
 Tishman, J. A. S. A. T. C.  
 Titterton, D. W. S. A. T. C.  
 Titus, G. F. S. A. T. C.  
 Titus, I. F. † *e* Whittier  
 Titus, P. W. S. A. T. C.  
 Tobey, E. S. † *e* 195 Claremont ave.  
 Tobias, B. *e* 845 Whitlock ave.  
 Tobias, C. H. S. A. T. C.  
 Tobias, L. *e* 845 Whitlock ave.

|                            |                                 |                       |                              |
|----------------------------|---------------------------------|-----------------------|------------------------------|
| Tobin, G. S.               | S. A. T. C.                     | Townsend, E. H. † b   | Furnald                      |
| Tobman, D. e               | 1463 Hoe ave.                   | Townsend, H. C. † pa  | 501 W. 120                   |
| Todd, J. D. c              | 71 Barrow                       | Townsend, M. D. † b   |                              |
| Todd, R. T. B. m           | Tarrytown                       |                       | 2515 Clarendon rd., Bklyn    |
| Todd, S. † e               | 602 W. 137                      | Townsend, S. R. † e   | 90 Morningside dr.           |
| Todes, C. c                | 609 W. 114                      | Towson, C. R. e       |                              |
| Todt, M. F. † ph           | Monroe, N. Y.                   |                       | 78 Fisher ave., White Plains |
| Toeppen, H. A. † e         | 417 W. 118                      | Tracht, S. ph         | 599 Sackman, Bklyn.          |
| Toglia, V. G.              | S. A. T. C.                     | Trainor, M. K. † e    | 610 W. 114                   |
| Tokayama, S. gr            | 102 W. 123                      | Traub, J. E.          | S. A. T. C.                  |
| Tokayama, W. K. gr ed      | 102 W. 123                      | Traub, L. M. † pa     | 128 W. 11                    |
| Toledano, E. † e           | 419 W. 129                      | Traver, C. J.         | S. A. T. C.                  |
| Tolmach, J. A. m           | 1 E. 119                        | Travis, L. R. e       | 16 E. 96                     |
| Tolon, R. Z. gr            | Hotel Ansonia                   | Travis, M. † b        | 29 W. 12                     |
| Tomberg, L.                | S. A. T. C.                     | Treadwell, A. B.      | S. A. T. C.                  |
| Tomey, A. M. gr            | 600 W. 122                      | Treganza, R. R. † pa  |                              |
| Tomimas, S. X. gr          | 897 Riverside dr.               |                       | 110 Morningside dr.          |
| Tompkins, B. C. † b        |                                 | Trembley, H. M. † e   | 113 Waverly pl.              |
|                            | 13 E. View ave., White Plains   | Treyz, H. A. † pa     | Whittier                     |
| Tompkins, B. L. † e        | 616 W. 116                      | Trihey, A. E. † e     | 137 E. 47                    |
| Tompkins, K. † gr ed       | 70 W. 11                        | Troeder, P. P.        | S. A. T. C.                  |
| Tompkins, N. F.            | S. A. T. C.                     | Troiano, J. L. c      |                              |
| Tompkins, S. V. † pa       | 419 W. 115                      |                       | 31 Chapel, Norwalk, Conn.    |
| Tom Suden, M. A. I. † e    | 126-97th, Bklyn.                | Trombetta, A. M. † e  | 423 E. 118                   |
| Tong, N. c                 | 156 Fifth ave.                  | Trombetta, G. † e     | 423 E. 118                   |
| Tonks, N. J. † b           | 87 Hamilton pl.                 | Tropp, J.             | Naval Unit                   |
| Toole, L. † e              | 308 W. 120                      | Trosky, I. S. † e     | 477-13th, Bklyn.             |
| Topping, E. F. † j         | 401 W. 118                      | Trounce, A. K. † ed   | 431 Riverside dr.            |
| Torek, G. I. † b           | 1021 Madison ave.               | Trowbridge, G. P.     | S. A. T. C.                  |
| Tornel, C. A. gr           | 237 W. 108                      | Troxell, E. † ed      | Whittier                     |
| Toro, J. P. e              | 71 Broadway                     | Troy, J. C. † pa      | Furnald                      |
| Toshiharu, U. e            | 216 W. 112                      | Trube, J. M. † gr ed  |                              |
| Toth, E. Z. † b            | 231 E. 72                       |                       | 48 Highland ave., Yonkers    |
| Toth, L. e                 | 144 E. 89                       | Trumpbour, E. A.      | S. A. T. C.                  |
| Toth, W. J. e              | 480 Greenwich                   | Tsai, C. gr ed        | 510 W. 124                   |
| Totten, E. † gr            | 601 W. 115                      | Tsai, C. T. gr        | 510 W. 124                   |
| Touroff, L. E. † b         | 1828 Topping ave.               | Tschenn, C. † e       | 216 W. 50                    |
| Tousley, T. C. † pa        | 507 W. 11                       | Tsolainos, K. P. gr   | 500 W. 114                   |
| Touton, F. C. gr ed        | 537 W. 121                      | Tsow, M. gr           | 510 W. 124                   |
| Tovmasian, A. † e          | 204 St. Nicholas ave.           | Tsur, T. † e          | 412 W. 148                   |
| Tow, A. m                  | 12 E. 127                       | Tu, Y. C. e           | 558 W. 113                   |
| Tower, A. A. m             | 437 W. 59                       | Tuch, C.              | S. A. T. C.                  |
| Tower, G. W., 3rd c        |                                 | Tuchman, W. e         | 156 Wilson, Bklyn.           |
|                            | 134 Woodland ave., New Rochelle | Tucker, F. B. † e     | 161 Henry, Bklyn.            |
| Tower, W. B.               | S. A. T. C.                     | Tucker, F. L., Jr. m  | 464-9th, Bklyn.              |
| Towne, M. P. † pa          |                                 | Tucker, H. A. H. † bu | 415 W. 118                   |
|                            | 97 Fairview ave., Jersey City   | Tucker, N. K.         | S. A. T. C.                  |
| Towner, E. M. † pa         | 100 Morningside dr.             | Tufts, D. W. † ed     | 527 W. 121                   |
| Townsend, A. M. gr         |                                 | Tull, L. M. † e       | 69 and Broadway              |
|                            | 2415 Church ave., Bklyn.        | Tunis, J. T. e        | 318 W. 57                    |
| Townsend, C. H. W. † gr ed |                                 | Tunison, H. C.        | S. A. T. C.                  |
|                            | 7 Park ave., Mt. Vernon         | Turani, G. A.         | S. A. T. C.                  |
| Townsend, E. † b           | 7 W. 87                         | Turchin, A. e         | 2116 Harrison ave.           |

|                                |                           |                                  |                                    |
|--------------------------------|---------------------------|----------------------------------|------------------------------------|
| Turk, M.                       | S. A. T. C.               | Unnewehr, E. C. <i>gr</i>        | 417 W. 120                         |
| Turk, R. J., Jr.               | S. A. T. C.               | Unterberg, L. G. <i>† bu</i>     | 11 W. 86                           |
| Turkel, H. <i>† e</i>          | 230 W. 113                | Upde-Grove, H. M. <i>† e</i>     | Riverdale                          |
| Turkel, H. L. <i>m</i>         | 131 E. 58                 | Upde-Grove, L. K. <i>† e</i>     | Riverdale                          |
| Turnbull, A. G. <i>† gr ed</i> | 31 Park pl., Orange       | Uppercue, M. A. <i>† e</i>       | 89 Summit ave., Jersey City        |
| Turnbull, M. E. <i>† pa</i>    | 839 West End ave.         | Upton, D. W. <i>† e</i>          | Lowerre Summit, Yonkers            |
| Turner, A.                     | S. A. T. C.               | Urban, J. E. <i>† ph</i>         | 173 Metropolitan ave., Bklyn.      |
| Turner, J. H. B. <i>c</i>      | 17 W. 112                 | Urban, L. <i>gr ed</i>           | 308 E. 72                          |
| Turner, S. C. <i>† gr</i>      | Whittier                  | Uris, P.                         | Naval Unit                         |
| Turney, R. M.                  | S. A. T. C.               | Urquhart, J. A.                  | S. A. T. C.                        |
| Tusa, T. <i>† b</i>            | 73 Central ave., Bklyn.   | Usher, F. C. <i>† pa</i>         | 419 Humboldt, Union Hill, N. J.    |
| Tuttle, J. P. <i>† pa</i>      | Whittier                  | Vade, I. V.                      | S. A. T. C.                        |
| Tuttle, L. A. <i>† b</i>       | 606 W. 116                | Vail, R. W. G.                   | S. A. T. C.                        |
| Tuttle, M. E. <i>† pa</i>      | Furnald                   | Vail, V. V. <i>† gr</i>          | 510 W. 124                         |
| Tuttle, M. E. <i>† pa</i>      | Whittier                  | Valentine, A. P. <i>† b</i>      | 31 Morton                          |
| Tuttle, S. C.                  | Naval Unit                | Valentine, C. S. <i>e</i>        | Ridgewood, N. J.                   |
| Twersky, M. <i>m</i>           | 121 W. 61                 | Valentine, M. E. <i>† e</i>      | 123 W. 96                          |
| Twiss, J. R.                   | S. A. T. C.               | Valentine, M. W. <i>† pa</i>     | Whittier                           |
| Tye, E. <i>† b</i>             | Brooks                    | Valentine, R. E. <i>e</i>        | 2707 Briggs ave.                   |
| Tyler, G. <i>† e</i>           | 414 W. 118                | Valentine, S. A. <i>† e</i>      | Hartsdale                          |
| Tyler, M. S. <i>† e</i>        | 168 W. 81                 | Valleau, C. A. <i>† e</i>        | 110 Morningside dr.                |
| Tyler, R. B. <i>† e</i>        | 106 Morningside dr.       | Valutkevich, A. <i>ph</i>        | 257 Humboldt, Bklyn.               |
| Tyler, R. D.                   | S. A. T. C.               | Vanacore, J. A. <i>ph</i>        | 2155 Fifth ave.                    |
| Tylor, E. S.                   | Naval Unit                | Van Aken, K. G. <i>† pa</i>      | 337 S. Third ave., Mt. Vernon      |
| Tynan, M. F.                   | S. A. T. C.               | Van Anda, G. H. <i>e</i>         | 530 Manhattan ave.                 |
| Tyndale, E. H. <i>† gr ed</i>  | 420 W. 121                | Van Bach, W. <i>† e</i>          | 434 W. 120                         |
| Tyndall, M. E. <i>† b</i>      | 143 St. James pl., Bklyn. | Van Benschoten, K. H. <i>† e</i> | 330 W. 102                         |
| Tyroler, E. F. <i>† pa</i>     | Whittier                  | Van Brunt, G. G. <i>† b</i>      | 606 W. 116                         |
| Tyson, E. A. <i>† gr ed</i>    | Furnald                   | Van Buren, A. H.                 | S. A. T. C.                        |
| Tyson, E. C. <i>† e</i>        | 415 W. 118                | Van Buskirk, D. G. <i>† e</i>    | 21 W. 123                          |
| Udell, J. I.                   | S. A. T. C.               | Van Cleve, E. F. <i>e</i>        | 80 Navin pl., Newark               |
| Uffinger, J. M. <i>e</i>       | 56 Liberty                | Van Cleve, R. <i>† pa</i>        | 61 S. Fullerton ave., Montclair    |
| Uhl, W. L. <i>a</i>            | 523 W. 122                | Vanderbilt, L. <i>† e</i>        | Hyde Park                          |
| Uhrbrock, M. E. <i>† b</i>     | 320 Park pl., Bklyn.      | Vanderbilt, L. M. M. <i>† e</i>  | Great Neck                         |
| Uhrbrock, M. G. <i>† b</i>     | 320 Park pl., Bklyn.      | Vanderburgh, E. M. <i>† pa</i>   | Hastings-on-Hudson                 |
| Uhrenbacher, I. <i>e</i>       | 9-11 E. 40                | Vanderlaan, T.                   | Naval Unit                         |
| Ullman, J. M. <i>c</i>         | 1312 Madison ave.         | Vander Roest, K. <i>† e</i>      | Larchmont                          |
| Ullman, L.                     | S. A. T. C.               | Vander Voort, M. N. <i>e</i>     | 102 Remsen, Bklyn.                 |
| Ullman, L. M.                  | S. A. T. C.               | Van de Water, C.                 | S. A. T. C.                        |
| Ullman, M. G.                  | S. A. T. C.               | Van Dyck, A. D. <i>† pa</i>      | 523 W. 121                         |
| Umenhofer, H. A.               | S. A. T. C.               | Van Eps, F. C. <i>pa</i>         | 45 Hillside ave., Rockville Center |
| Umezuka, Y. <i>e</i>           | 512 W. 142                | Van Gelder, L. <i>† e</i>        | Edgewater                          |
| Underberg, H.                  | S. A. T. C.               | Van Hoesen, M. C. <i>† e</i>     | 79 Haven ave.                      |
| Underhill, E. S. <i>† b</i>    | 294 Broadway, Flushing    |                                  |                                    |
| Underwood, E. L. <i>† pa</i>   | Whittier                  |                                  |                                    |
| Underwood, M. M. <i>† pa</i>   | Whittier                  |                                  |                                    |
| Ungar, E. J.                   | S. A. T. C.               |                                  |                                    |
| Unger, M.                      | S. A. T. C.               |                                  |                                    |
| Ungerer, E. H. <i>† e</i>      | 178 W. 97                 |                                  |                                    |



Van Horn, M. † *pa*  
2671 Boulevard, Jersey City

Van Horn, P. S. A. T. C.

Van Horn, R. † *b* Harrison, N. Y.

Van Kirke, A. S. † *e* 100 Morningside dr.

Van Messel, H. J. *e* 24 W. 82

Van Nort, J. S. S. A. T. C.

Van Raalte, M. E. S. A. T. C.

Van Santford, E. G. † *pa* Dumont, N. J.

Van Schaick, L. W. *gr ed* Scarsdale

Van Siclen, E. H. S. A. T. C.

Van Siclen, H. R. S. A. T. C.

Van Syckle, E. L. † *pa* Morsemere, N. J.

Vanura, V. S. A. T. C.

Van Voast, E. S. † *e* 416 W. 118

Van Voorhis, M. E. † *e*  
976 Lafayette ave., Bklyn.

Van Wagenen, M. L. † *gr ed* 612 W. 115

Van Wagenen, H. S. S. A. T. C.

Van Wagner, E. H. † *gr*  
35 Washington ave., Grantwood

Van Wart, E. † *b* Brooks

Vanwick, M. E. † *e* 307 W. 79

Van Zandt, W. W. S. A. T. C.

Varnado, D. E. † *ed* FURNALD

Vassardakis, E. C. † *gr* Whittier

Vaughan, M. C. † *pa* 519 W. 121

Vaughn, A. M. † *ed*  
352 S. Broadway, Yonkers

Vautrin, M. † *gr ed* 514 W. 122

Vawter, J. M. † *e* Whittier

Veenstra, H. † *e* 158 E. 65

Veit, C. † *e* 225 W. 39

Veit, E. † *b* Healy ave., Far Rockaway

Veit, V. † *b* 515 W. 110

Velardi, F. G. *e* 397 Clinton, Bklyn.

Venier, M. A. † *e* 416 W. 129

Verity, G. H. † *b* 99 Claremont ave.

Vernay, M. K. † *e* 930 Park ave.

Vernon, A. H. † *j* Whittier

Vernon, L. † *b* 606 W. 116

Verrier, J. *e* 71 Pleasant pl., Arlington

Versfelt, E. B. † *e*  
7 Laurel pl., Upper Montclair

Vesell, M. *c* 973 Fox

Vexler, F. *gr* 1012 Trinity ave.

Viault, E. R. † *gr* Hunter College

Victoria, L. † *e*  
114 Garfield ave., Jersey City

Vilkomerson, L. † *m* 1 W. 112

Villamena, E. M. † *ph* 204 E. 116

Villari, A. Naval Unit

Villaume, F. H. S. A. T. C.

Vincent, D. † *pa* Whittier

Vincent, E. † *e* 242 W. 46

Vincent, V. † *e* Boonton

Vincent, M. † *b* 225 W. 86

Vincent, W. H. S. A. T. C.

Vinson, B. K. † *e* 511 W. 112

Viola, H. E. *gr*  
Commercial ave., Cliffside Pk., N. J.

Virden, F. H. † *gr* Whittier

Visel, J. A. *gr* 10 Vanderbilt ave., Bklyn.

Vitiello, L. M. *ph* 359 E. 49

Voegel, A. E. S. A. T. C.

Voegeli, M. † *gr* 139 W. 111

Voelker, P. F. *gr ed* 419 W. 119

Vogel, D. *e* 2515 Surf ave., Bklyn.

Vogel, F. † *e* 586 Orange, Newark

Vogel, R. M. S. A. T. C.

Vogel, T. L. † *b* FURNALD

Volk, R. † *e* 31 W. 94

Volker, R. M. † *e*  
94 S. Highland ave., Ossining

Vollintine, G. † *gr ed* FURNALD

Volmer, A. K. F. *c* 126 Claremont ave

Vollmers, H. E., Jr. S. A. T. C.

von Bergman, S. J. † *e*  
Harrington Park

von Deesten, F. M. † *b*  
618 Garden, Hoboken

Vonder Heide, H. † *e*  
442 Prospect pl., Bklyn.

vonder Osten, A. L. † *e* 754 Prospect ave.

von Eltez, S. † *b* 171 W. 81

von Emburgh, G. H. Jr. *m*  
378 Chestnut, Arlington

Von Holten, A. F. † *b*  
270 Franklin, Bklyn.

Von Sennet, E. E. † *e* 470-3rd, Bklyn.

von Unwerth, F. † *e* 527 W. 121

Voorhees, J. S. S. A. T. C.

Voorhies, A. B. † *gr* Northport

Vore, G. E. F. † *e* FURNALD

Vorhaus, A. † *b* 160 E. 80

Vorhaus, D. S. A. T. C.

Vories, F. † *b* 420 W. 118

Voss, F. W. *e* 55 Hanson pl., Bklyn.

Voss, M. S. A. T. C.

Vroom, M. A. † *pa* 271 Richmond ave.,  
Pt. Richmond, N. Y.

Vrooman, F. B. *gr* 348 West End ave.

Wachman, J. † *e* 889 St. Nicholas ave.

Wachman, M. † *pa* 889 St. Nicholas ave.

Wachs, B. H. Naval Unit

Wachsmann, H. M. E. S. A. T. C.

- Wacht, J. Naval Unit  
Wada, T. † *gr ed* Whittier  
Waddell, E. F. † *gr* 519 W. 121  
Waddell, J. C. S. A. T. C.  
Waddle, B. † *e* 19 Radford pl., Yonkers  
Wade, M. E. † *pa* Whittier  
Wadel, F. B. S. A. T. C.  
Wadepuhl, W. *gr* 672 Crotona Pk., S.  
Wadhams, C. W. † *pa* Whittier  
Waechter, H. P. *c* 89 Sherman ave., Tompkinsville  
Waentig, P. E. S. A. T. C.  
Wagenheim, F. R. † *b* Brooks  
Wager, J. L. † *pa* Whittier  
Waghorn, G. A. † *ed* 646 Monroe, Bklyn.  
Wagler, A. C. † *pa* 442 Church, Morris Pk., N. Y.  
Wagman, W. Naval Unit  
Wagner, A. C. *e* 21 E. 98  
Wagner, E. W. † *b* 243 E. 68  
Wagner, J. C., Jr. S. A. T. C.  
Wagner, M. G. † *e* 509 E. 182  
Wagner, R., Jr. S. A. T. C.  
Wagner, W. F. S. A. T. C.  
Wagner, W. W. Naval Unit  
Wagoner, G. H. † *e* 39 Claremont ave.  
Wahl, E. G., *gr* Madison, N. J.  
Wahl, J. W. S. A. T. C.  
Wakai, S. *e* 605 W. 139  
Wakefield, H. A. *e* 2 S. Oxford, Bklyn.  
Wakoff, L. R. *e* 815 E. 167  
Walcutt, A. † *pa* 22 Montclair ave., Montclair  
Waldbillig, M. † *ed* 61 Cliff ave., Yonkers  
Waldecker, S. C. S. A. T. C.  
Waldhorst, A. C. † *gr* 331 E. 68  
Waldman, D. Naval Unit  
Waldron, C. W. S. A. T. C.  
Waldron, E. D. S. A. T. C.  
Walford, K. C. Naval Unit  
Walke, R. S. S. A. T. C.  
Walker, A. L. Jr. Naval Unit  
Walker, F. W., Jr. S. A. T. C.  
Walker, H. A., Mrs. † *e* 600 W. 115  
Walker, J. H. † *e* 145 Garrison ave., Jersey City  
Walker, J. K. † *pa* 3089 Broadway  
Walker, L. † *e* 60 St. Nicholas ave.  
Walker, M. *c* 60 St. Nicholas ave.  
Walker, M. B. † *pa* Whittier  
Walker, M. L. † *e* 159 W. 78  
Walker, S. H. † *e* 519 West End ave.  
Walker, T. D. S. A. T. C.  
Walker, T. M. † *e* 209 W. 87  
Walker, W. D. S. A. T. C.  
Wallace, C. E. *gr ed* 37 Vermilyea ave.  
Wallace, H. R. † *b* 777 West End ave.  
Wallace, J. M. † *b* Brooks  
Wallace, S. C. S. A. T. C.  
Wallberg, M. I. † *b* 501 W. 120  
Wallerstein, B. † *b* 10 Faneuil pl., New Rochelle  
Wallester, M. E. † *e*  
Walser, V. E. † *b* 296 Sterling pl., Bklyn.  
Walsh, A. L. F. † *b* Furnald  
Walsh, E. A. † *e* 500 Park ave.  
Walsh, E. F. Naval Unit  
Walsh, G. E. A. † *e* Furnald  
Walsh, H. A. † *e* 1594 Hayes ave., Elmhurst  
Walsh, H. B. † *ed* 593 E. 164  
Walsh, H. L. † *e* 22 Broad, Newark  
Walsh, H. V. *m* 25 E. 128  
Walsh, J. F. *m* 408 W. 58  
Walsh, J. F. *e* 335 State, Bklyn.  
Walsh, J. R., Jr. *c* 332 St. Mark's pl., New Brighton  
Walsh, M. C. S. A. T. C.  
Walsh, M. V. † *e* 1044 Grand Concourse  
Walsh, R. H. S. A. T. C.  
Walter, G. B. *e* 175 Ninth ave.  
Walter, M. A. S. A. T. C.  
Walter, M. E. † *e* 53 W. 11  
Walters, C. † *e* 130 Noble, Bklyn.  
Walters, H. W. S. A. T. C.  
Walther, J. B. *c* 201 N. High, Mt. Vernon  
Walton, S. G. S. A. T. C.  
Waltz, J. W. S. A. T. C.  
Waltzer, N. *c* 1709 Fulton ave.  
Walworth, T. H. S. A. T. C.  
Wandell, M. B. † *pa* Whittier  
Wang, H. *bu* 510 W. 124  
Wang, H. F. *mec* 510 W. 124  
Wang, K. P. *gr* 510 W. 113  
Wang, S. C. *gr* Union Theo. Seminary  
Wang, W. P. *gr ed* 408 W. 115  
Wangshia, C. *gr* 415 W. 115  
Wansboro, H. R. † *e* 415 W. 120  
Wappler, M. † *e* 62 Berkeley ave., Yonkers  
Ward, D. † *pa* Whittier Hall  
Ward, D. K. † *pa* Furnald  
Ward, E. H. † *gr ed* 419 W. 119  
Ward, J. V. S. A. T. C.

|                              |                              |                              |                                  |
|------------------------------|------------------------------|------------------------------|----------------------------------|
| Ward, M. † <i>pa</i>         | Whittier                     | Watson, C. H.                | S. A. T. C.                      |
| Ward, M. A. † <i>e</i>       | 540 W. 122                   | Watson, I. † <i>e</i>        | 126 Riverside dr.                |
| Ward, M. I. † <i>e</i>       | 450 W. 149                   | Watson, L. E. † <i>ed</i>    | 430 W. 118                       |
| Ward, M. L. † <i>b</i>       | 612 W. 115                   | Watson, L. R.                | S. A. T. C.                      |
| Ward, P. T. <i>l</i>         | 310 W. 95                    | Watson, M. A. † <i>gr</i>    | 39 Claremont ave.                |
| Ward, R. † <i>b</i>          | 717 W. 177                   | Watson, M. E. † <i>gr</i>    | 416 W. 122                       |
| Ward, S. D. <i>e</i>         | 26 Exchange pl.              | Watson, W. H. † <i>e</i>     | 805 St. Nicholas ave.            |
| Ward, W. A. <i>gr ed</i>     | 386 Morris ave., Long Branch | Watts, C. E.                 | S. A. T. C.                      |
| Wardlaw, C. D. <i>e</i>      | Plainfield                   | Watts, F. E. † <i>pa</i>     | Whittier                         |
| Ware, F. E. † <i>pa</i>      | 146-5th, Elizabeth           | Watts, M. L. † <i>gr ed</i>  | Piermont, N. Y.                  |
| Ware, R. L. † <i>b</i>       | 52 Elinor pl., Yonkers       | Watts, S. R., Jr.            | S. A. T. C.                      |
| Warne, O. H. † <i>e</i>      | Furnald                      | Watson, H. B.                | S. A. T. C.                      |
| Warner, A. B. † <i>e</i>     | Irvington, N. Y.             | Waugh, J. R. <i>m</i>        | 452 W. 23                        |
| Warner, E. † <i>pa</i>       | Whittier                     | Waugh, Z. M. † <i>e</i>      | 428 Bellevue ave., Yonkers       |
| Warner, J. A.                | S. A. T. C.                  | Waung, C. J. <i>bu</i>       | 536 W. 113                       |
| Warner, K. G. † <i>gr ed</i> | 133 W. 4                     | Way, J. I. † <i>pa</i>       | 419 W. 115                       |
| Warner, M. L. † <i>pa</i>    | 420 W. 116                   | Wayman, M. † <i>gr</i>       | 166 Beach, Stapleton             |
| Warner, P. † <i>e</i>        | Furnald                      | Wear, E. W.                  | S. A. T. C.                      |
| Warner, R. M. † <i>e</i>     | 46 W. 93                     | Weary, E. H. † <i>b</i>      | 606 W. 116                       |
| Warren, A. S. H. † <i>e</i>  | 25 Willow ave., Plainfield   | Weatherby, G. K. † <i>ed</i> | 86 Passaic, Hackensack           |
| Warren, Mrs. C. † <i>e</i>   | 258 W. 54                    | Weaver, H. R. <i>e</i>       | 393 Edgcombe ave.                |
| Warren, H. A. † <i>b</i>     | Shore Acres, Mamaroneck      | Weaver, M. E. † <i>gr ed</i> | 135 E. 52                        |
| Warren I. V. D. <i>e</i>     | 55 Hanson pl., Bklyn.        | Webb, E. W. † <i>gr ed</i>   | 509 W. 122                       |
| Warren, J. E. † <i>pa</i>    | Whittier                     | Webb, G. R.                  | S. A. T. C.                      |
| Warren, M. B. † <i>b</i>     | 289 Warburton ave., Yonkers  | Webb, M. <i>e</i>            | 369 W. 56                        |
| Warren, R. D. † <i>pa</i>    | Whittier                     | Webel, R. K. <i>e</i>        | 171 E. 73                        |
| Warshacosky, S. L.           | S. A. T. C.                  | Weber, A. <i>e</i>           | 353 S. 3, Bklyn.                 |
| Warsher, A.                  | S. A. T. C.                  | Weber, A. R. † <i>e</i>      | 514 W. 122                       |
| Warshow, J. <i>l</i>         | 283 Montauk ave., Bklyn.     | Weber, H. <i>e</i>           | 218 S. 3, Bklyn.                 |
| Wartels, B. V. † <i>e</i>    | 95 W. 119                    | Weber, K. <i>e</i>           | 246 S. Third ave., Mt. Vernon    |
| Wartels, L. <i>c</i>         | 1181 Eastern Parkway, Bklyn. | Weber, M. C. † <i>e</i>      | 349 First ave., Long Island City |
| Wartels, N. <i>c</i>         | 95 W. 119                    | Webster, C. G., Jr.          | S. A. T. C.                      |
| Warth, J. A.                 | S. A. T. C.                  | Webster, I. † <i>e</i>       | 601 W. 110                       |
| Wash, E. F. † <i>ed</i>      | 541 W. 123                   | Webster, O. M. † <i>pa</i>   | 400 W. 118                       |
| Washburn, M. L. † <i>gr</i>  | 70 Morningside dr.           | Wechsler, A. F.              | Naval Unit                       |
| Washburn, O. A. † <i>e</i>   | 605 W. 141                   | Wechsler, E. † <i>gr</i>     | 519 W. 152                       |
| Wasserman, C. W. <i>e</i>    | 1218 Wheeler ave.            | Wechsler, H. G. <i>c</i>     | 790 Riverside dr.                |
| Waszko, J. deS. <i>gr</i>    | 425 W. 118                   | Wechsler, J. <i>e</i>        | 960 Kelly                        |
| Waterbury, R. A.             | S. A. T. C.                  | Wechsler, J. J.              | S. A. T. C.                      |
| Waterman, E. H. † <i>e</i>   | 420 W. 116                   | Weed, W. D.                  | S. A. T. C.                      |
| Waterman, F. M. <i>e</i>     | 420 W. 116                   | Weegler, J.                  | S. A. T. C.                      |
| Waterman, J. S. <i>e</i>     | 44 Morningside dr.           | Weekes, C. H. <i>e</i>       | 17 W. 136                        |
| Waters, F. L. † <i>pa</i>    | Whittier                     | Weekes, L. H., Jr.           | S. A. T. C.                      |
| Waters, M. † <i>e</i>        | 419 E. 56                    | Weeks, M. W. † <i>pa</i>     | Furnald                          |
| Watkins, D. V. † <i>pa</i>   | Whittier                     | Wegener, H. L. † <i>b</i>    | 610 W. 116                       |
| Watkins, G. V. † <i>pa</i>   | 508 W. 114                   | Wehr, E. † <i>e</i>          | 1240 Park ave., Hoboken          |
| Watkinson, H. L. † <i>e</i>  | 146 E. 39                    | Weichselbaum, N. † <i>e</i>  | 250 W. 103                       |
|                              |                              | Weidig, H. R. † <i>e</i>     | 206 Clifton ave., Newark         |

- Weidinger, Mrs. A. S. † *e* 523 W. 122  
 Weigele, C. E. *m* 147 Garrison ave., Jersey City  
 Weil, A. P. † *b* 736 West End ave.  
 Weil, D. P. † *b* 736 West End ave.  
 Weil, M. † *gr* 1362 Pacific, Bklyn.  
 Weill, M. W. *c* 1419 Ave. I, Bklyn.  
 Weil, P. † *e* 88 Harmon, Bklyn.  
 Weiler, M. G., Jr. S. A. T. C.  
 Weiler, R. *m* 67 and Broadway  
 Weill, D. A. S. A. T. C.  
 Weimar, M. K. † *e* Portchester  
 Weinberg, F. E. S. A. T. C.  
 Weinberg, P. A. † *e* 465 West End ave.  
 Weinberger, A. C. S. A. T. C.  
 Weinberger, H. L. *c* 7 Grove, Plainfield  
 Weiner, G. *e* 69 Forsyth  
 Weiner, H. *e* 1495 Lincoln pl., Bklyn.  
 Weiner, I. I. *e* 763 Saratoga ave., Bklyn.  
 Weiner, M. E. *c* 432 Graham ave., Bklyn.  
 Weiner, N. E. † *b* 375 West End ave.  
 Weingart, R. † *e* 72 and Central Park W.  
 Weingarten, I. Naval Unit  
 Weinrib, M. *e* 1072 Forest ave.  
 Weinstein, A. *m* 60 Second ave.  
 Weinstein, A. *m* 18 E. 105  
 Weinstein, D. S. A. T. C.  
 Weinstein, I. *ph* 134 Clinton  
 Weinstein, L. *m* 403 E. 52  
 Weinstein, W. J. S. A. T. C.  
 Weinstock, H. I. S. A. T. C.  
 Weintraub, P. Naval Unit  
 Weintraub, S. S. A. T. C.  
 Weintraub, S. *e* 144 Avenue C  
 Weinzweig, M. S. A. T. C.  
 Weirick, M. H. † *e*  
 Weisbart, R. † *e* 1888 Crotona Pkway.  
 Weisberg, I. S. A. T. C.  
 Weisel, J. H. *c* 140 W. 69  
 Weisenburg, A. I. † *ed* 419 W. 119  
 Weisenfeld, S. B. Naval Unit  
 Weisfeld, S. E. *e* 9 E. 107  
 Weisker, O. † *e* 153 E. 178  
 Weisman, R. K. † *bu* 1581 President, Bklyn.  
 Weiss, C. A. † *b* 490 West End ave.  
 Weiss, C. D. S. A. T. C.  
 Weiss, H. *e* 815 W. 179  
 Weiss, M. *c* 3905 Broadway  
 Weiss, M. H. S. A. T. C.  
 Weiss, R. † *e* 92 and Madison ave.  
 Weissberger, J. *e* 574 E. 139  
 Weissman, F. V. † *e* 78 E. 96  
 Weissman, W. † *e* 310 Windsor pl., Bklyn.  
 Weissmann, P. K. † *e* 1505 Emmons ave., Sheepshead Bay  
 Weitzen, M. *e* 34 W. 116  
 Weitzen, S. *e* 312 E. 3  
 Weitzman, C. C. *m* 10 Bleecker, Bklyn.  
 Weitzman, J. *c* 66 First  
 Welch, A. † *e* 100 Cathedral Pkway.  
 Welch, A. M. † *gr ed* 106 E. 52  
 Welch, H. † *ed* 414 W. 121  
 Welch, L. † *e* 257 W. 104  
 Weld, W. E. *gr* 408 W. 115  
 Weldon, V. M. † *e* 35 St. Nicholas terr.  
 Welinsky, S. *e* 339 Bedford ave., Bklyn.  
 Welleck, M. N. † *gr* 615 W. 176  
 Weller, C. † *e* 552-2nd, Bklyn.  
 Weller, E. † *e* 552-2nd, Bklyn.  
 Weller, H. A. † *e* 414 W. 118  
 Wellman, L. B. † *pa* Whittier  
 Wells, B. B. † *gr* 620 Riverside dr.  
 Wells, C. T. † *e* 130 Claremont ave.  
 Wells, E. M. † *gr ed* 127 W. 62  
 Wells, F. † *ed* 523 W. 121  
 Wells, H. J. C. *e* 620 Riverside dr.  
 Wells, J. C. *m* 173 High, Middletown, Conn.  
 Wells, M. † *gr* 80 Quincy, Bklyn.  
 Wells, R. K. † *ed* Whittier  
 Wells, W. C., Jr. *gr* Box 182, Bound Brook  
 Welsh, G. J. † *e* 615 W. 136  
 Welt, B. *m* 209 S. 9, Bklyn.  
 Weltner, G. *c* 600 W. 157  
 Welton, W. DeF. *gr ed* 8 Center ave., New Rochelle  
 Welton, W. F. *c*  
 Welzmilller, G. R. † *b* 1453 Bryant ave.  
 Wemple, D. † *e* 127 W. 78  
 Wenke, M. O. † *e* 1086 Lexington ave.  
 Wenman, F. A. Naval Unit  
 Wentz, H. H. S. A. T. C.  
 Werb, L. *c* 634 Bay, Stapleton, N. Y.  
 Werden, J. S. A. T. C.  
 Werner, W. A. S. A. T. C.  
 Wershush, L. *e* 156 W. 84  
 Wertheimer, A. M. *e* 240 W. 122  
 Wesch, A. H. Naval Unit  
 Wescott, W. C. *c*  
 Wesendonck, M. A. † *b* 221 Fourth ave.  
 Wesley, M. † *pa* 416 W. 121  
 Wesley, W. F. Naval Unit  
 Wessel, A. L. S. A. T. C.



- Wessling, H. M. S. A. T. C.  
Wesson, M. P. † *e* 234 W. 44  
West, E. McK. † *gr* 523 W. 121  
West, J. W. S. A. T. C.  
West, S. G. † *b* 431 W. 121  
Westfall, H. F. † *e* 333 Central Park W.  
Weston, R. † *b* Furnald  
Westrup, C. W. *e* 1007 Grant ave.  
Wetherbee, D. H. † *e*  
321-34th, Woodcliff, N. J.  
Wethey, G. † *b* Brooks  
Wetmore, D. R. S. A. T. C.  
Wettels, L. S. S. A. T. C.  
Wetterau, C. A. † *pa* Whittier  
Whaley, E. G. † *e*  
260 Washington ave., Bklyn.  
Whaley, V. C. M. † *e*  
251 Kosciusko, Bklyn.  
Wheat, F. M. *gr ed* 2483 University ave.  
Wheat, L. M. † *b* 620 W. 115  
Wheeler, I. W. † *pa*  
40 Grand, White Plains  
Whelan, I. E. † *e* Mt. Vernon  
Whelan, J. T. † *e* 201 W. 80  
Whelpley, E. † *b* Halsted pl., Rye, N. Y.  
Whinery, S. M. † *gr ed* 501 W. 121  
Whinfrey, Mrs. M. S. † *e* New Rochelle  
Whipple, C. † *b* 470-2nd, Bklyn.  
Whitaker, L. N. C. † *gr* 519 W. 121  
Whitaker, R. L. † *gr ed* Whittier  
Whitcomb, E. C. † *pa* Whittier  
Whitcup, A. † *ph* 358 E. 8  
White, C. † *pa* Furnald  
White, C. † *e* 240 E. 105  
White, C. D. † *b* 750 Carroll, Bklyn.  
White, C. F. † *e* 500 W. 122  
White, E. E. *gr* 600 W. 122  
White, G. G. S. A. T. C.  
White, H. A. † *e* Whittier  
White, H. M. † *b*  
190 Vreeland ave., Paterson  
White, I. *e* 323 Gardner, Union Hill  
White, L. E. *m* 437 W. 59  
White, L. F. *e* 122 E. 17  
White, M. † *gr ed* 100 Morningside dr.  
White, M. C. † *ed*  
Edgehill Inn, Spuyten Duyvil, N. Y.  
White, M. G. † *pa* 523 W. 121  
White, M. H. † *pa* 430 W. 119  
White, M. J. † *pa* Whittier  
White, R. J. *m* 440 Riverside dr.  
White, R. L. † *pa* Whittier  
White, W. J. *gr* 175 Ninth ave.  
Whitcotton, L. B. † *e* 605 W. 115  
Whitehead, H. C. *e*  
316 Van Houten ave., Passaic  
Whitehead, L. A. S. A. T. C.  
Whitehill, C. S. S. A. T. C.  
Whitehouse, J. † *e* 2211 Broadway  
Whitehurst, N. A. † *e* Whittier  
Whiteman, E. J. † *ed*  
100 Morningside dr.  
Whiteside, S. E. *bu* 420 W. 116  
Whiting, A. A. † *ed* 519 W. 12  
Whiting, W. A., Jr. S. A. T. C.  
Whitlock, M. C. † *e*  
204 Raritan ave., New Brunswick  
Whitlock, S. O. † *ed*  
204 Raritan ave., New Brunswick  
Whitlow, J. W. † *pa* 106 Morningside dr.  
Whitman, G. S. A. T. C.  
Whitman, H. B. † *pa* 210 Riverside dr.  
Whitman, J. P. S. A. T. C.  
Whitman, M. † A. S. N.  
Whitney, H. J. *gr ed* 417 W. 118  
Whitney, L. H. S. A. T. C.  
Whitson, E. M. † *ed* 509 W. 122  
Whittier, I. L. † *e*  
71 Montclair ave., Montclair  
Whittles, L. J. *m* 318 W. 57  
Whoriskey, E. S. *e* 405 Caton ave., Bklyn  
Whyte, B. M. † *b*  
14 Benedict ave., Tarrytown  
Wickwire, E. W. † *gr* 70 Morningside dr.  
Widder, M. † *pa*  
141 N. Eighth ave., Mt. Vernon  
Widenmann, G. A. *c*  
905 Castle Point terr., Hoboken  
Widenmann, H. A. *gr*  
905 Castle Point terr., Hoboken  
Widmayer, W. *e* 2767 Briggs ave.  
Widrevitz, L. † *b* 2151 Walton ave.  
Wieand, E. M. † *ed*  
80 Passaic, Hackensack  
Wiegand, C. E. † *e* 158 W. 81  
Wiener, J. *ph* 482 Sutter ave., Bklyn.  
Wiener, M. G. S. A. T. C.  
Wiener, P. R. † *e* 10 E. 30  
Wiers, L. M. † *m* 161 Lloyd rd., Montclair  
Wiesenberger, A. Naval Unit  
Wieser, B. S. A. T. C.  
Wiesner, D. E. † *gr* Mamaroneck  
Wiesner, H. L. *e* 234 E. 12  
Wieting, M. L. † *e*  
1128 Greenwood ave., Richmond Hill  
Wigdowitz, H. A. S. A. T. C.

|                                 |                               |                                |                                     |
|---------------------------------|-------------------------------|--------------------------------|-------------------------------------|
| Wiggins, H. H., Jr.             | S. A. T. C.                   | Williams, V. K. † e            | 450-6th, Bklyn.                     |
| Wiggins, T. DuB. <i>gr ed</i>   | 525 W. 124                    | Williams, V. P.                | S. A. T. C.                         |
| Wightman, E. R. † <i>pa</i>     | 401 W. 118                    | Williamson, H. F. † <i>b</i>   | 559 Willoughby ave., Bklyn.         |
| Wikander, E. † <i>gr</i>        | 241 E. 71                     | Williamson, R. E. <i>e</i>     | 70 Morningside dr.                  |
| Wilber, A. A. <i>m</i>          | Tarrytown                     | Willingham, V. † <i>e</i>      | 306 W. 92                           |
| Wilcox, C. R.                   | S. A. T. C.                   | Willmann, E. † <i>b</i>        | 352 W. 117                          |
| Wilcox, F. † <i>pa</i>          | 510 W. 123                    | Willner, I. <i>e</i>           | 338 Sutter ave., Bklyn.             |
| Wilcox, H. C. † <i>gr</i>       | Furnald                       | Willner, J. H. <i>e</i>        | 200 Henry                           |
| Wildberg, J., Jr. <i>c</i>      | 345 W. 88                     | Willoughby, H. † <i>ed</i>     | 180 Claremont ave.                  |
| Wilde, E. L. † <i>ed</i>        | 420 W. 118                    | Willson, Mrs. M. R. † <i>e</i> | 401 W. 118                          |
| Wilder, D. M. † <i>b</i>        | 601 W. 113                    | Wilmer, R. W.                  | S. A. T. C.                         |
| Wilder, L.                      | S. A. T. C.                   | Wilshusen, H. F. <i>m</i>      | 455 W. 143                          |
| Wildes, A. M. † <i>gr</i>       | Brooks Hall                   | Wilson, C. T. † <i>gr ed</i>   | 921 Madison ave.                    |
| Wilding, F. C. † <i>e</i>       | 33 Emerson, E. Orange         | Wilson, E. B. † <i>e</i>       | 411 W. 114                          |
| Wildman, E. V.                  | S. A. T. C.                   | Wilson, E. F. † <i>e</i>       | 529 W. 123                          |
| Wilensky, N. W.                 | Naval Unit                    | Wilson, G. A.                  | S. A. T. C.                         |
| Wiley, E. A. † <i>ed</i>        | 114 N. Grove, Freeport        | Wilson, H. V. <i>e</i>         | 32 Morningside ave.                 |
| Wilhelm, S. F. <i>m</i>         | 53 E. 96                      | Wilson, J. C. <i>m</i>         | 730 E. 229                          |
| Wilkens, M. H. † <i>b</i>       | 284 Alexander ave.            | Wilson, J. E. † <i>ed</i>      | 527 W. 121                          |
| Wilkin, F. E. † <i>pa</i>       | Whittier                      | Wilson, L. B. † <i>pa</i>      | 417 W. 120                          |
| Wilkin, M. G. † <i>e</i>        | 11 E. 51                      | Wilson, L. B. † <i>ed</i>      | 416 W. 118                          |
| Wilkins, O. P. † <i>e</i>       | 156 W. 131                    | Wilson, L. MacL. <i>gr ed</i>  | Lawrence Park, Bronxville           |
| Wilkinson, H. C. <i>m</i>       | 346 W. 57                     | Wilson, M. L. <i>c</i>         | 128 Pulaski, Bklyn.                 |
| Wilkinson, J. G. <i>gr ed</i>   | Scarborough-on-Hudson         | Wilson, S. M. † <i>gr ed</i>   | Furnald                             |
| Willard, F. † <i>pa</i>         | 40 Irving pl.                 | Wilson, W. J.                  | S. A. T. C.                         |
| Willcox, L. V. † <i>ed</i>      | 149 W. 117                    | Wilson-Mayer, D. G. † <i>e</i> | 529 W. 123                          |
| Willey, F. P.                   | S. A. T. C.                   | Wiman, F. <i>c</i>             | Linden pl., Rosebank Station, S. I. |
| Williams, A. C. <i>e</i>        | 67-25th, Elmhurst             | Wimpfheimer, S. <i>m</i>       | 168 E. 94                           |
| Williams, A. P. † <i>e</i>      | 110 W. 128                    | Wimpie, N. M. † <i>pa</i>      | 23 W. 123                           |
| Williams, A. T. <i>e</i>        | 1882 Bergen                   | Winans, E. J. <i>gr ed</i>     | 600 W. 122                          |
| Williams, B. H. † <i>e</i>      | St. Luke's Hospital           | Winans, W. H. <i>e</i>         | 115 Broadway                        |
| Williams, C. E. † <i>b</i>      | 17 Lincoln ave., Roselle Park | Winchester, A. G. † <i>pa</i>  | 940 Park ave.                       |
| Williams, E. J. † <i>gr ed</i>  | 135 E. 52                     | Winckler, E. † <i>pa</i>       | Whittier                            |
| Williams, Mrs. E. L. † <i>e</i> | 610 W. 116                    | Winckler, R. B. † <i>pa</i>    | Whittier                            |
| Williams, F. E. † <i>e</i>      | 27 Barrow                     | Winer, S. J. <i>e</i>          | 204 E. 107                          |
| Williams, F. A., Jr.            | S. A. T. C.                   | Winestine, N.                  | S. A. T. C.                         |
| Williams, F. T.                 | S. A. T. C.                   | Winfield, R. P.                | S. A. T. C.                         |
| Williams, G. D. † <i>pa</i>     | 506 W. 122                    | Wing, M. M. † <i>b</i>         | 10 Convent ave., Yonkers            |
| Williams, G. H.                 | S. A. T. C.                   | Wingate, F. † <i>a</i>         | Whittier                            |
| Williams, G. R. <i>m</i>        | 437 W. 59                     | Winkelstein, O. L. <i>c</i>    | 621 Ditmas ave., Bklyn.             |
| Williams, G. M. † <i>b</i>      | Brooks                        | Winkin, C. S. † <i>gr</i>      | Jones rd., Englewood                |
| Williams, H. † <i>b</i>         | 110 W. 128                    | Winslow, G. J. † <i>pa</i>     | 110 Morningside dr.                 |
| Williams, H. J.                 | S. A. T. C.                   | Winston, A. W. † <i>e</i>      | 569 W. 150                          |
| Williams, J. † <i>gr ed</i>     | 780 Riverside dr.             | Winston, D. <i>gr</i>          | 600 W. 122                          |
| Williams, L. W. <i>a</i>        | 527 W. 121                    | Wise, H. A. <i>e</i>           | 790 Riverside dr.                   |
| Williams, M. † <i>e</i>         | 537 W. 121                    | Wise, M. C. † <i>ed</i>        | 941 South, Elizabeth                |
| Williams, Mrs. M. M. † <i>e</i> | 506 W. 122                    | Wise, R. A.                    | S. A. T. C.                         |
| Williams, M. O. † <i>pa</i>     | Whittier                      | Wise, R. L. <i>l</i>           | 420 W. 116                          |
| Williams, N. D. † <i>e</i>      | Hackensack                    |                                |                                     |
| Williams, O. H. D.              | S. A. T. C.                   |                                |                                     |
| Williams, R.                    | S. A. T. C.                   |                                |                                     |

Wisoff, P. *c* 926 Eastern Parkway, Bklyn  
 Wissert, E. J. S. A. T. C.  
 Withus, C. M. Naval Unit  
 Witt, R.  $\dagger pa$  68 Boerum ave., Flushing  
 Witte, F. C. Naval Unit  
 Witte, J.  $\dagger b$  204 E. 18, Bklyn.  
 Witte, M. E.  $\dagger e$  7 West 24  
 Witteman, H. M.  $\dagger e$  Furnald  
 Wittenberg, S.  $\dagger e$   
 855 Lafayette ave., Bklyn.  
 Wittlinger, B.  $\dagger b$  Pocantico Hills, N. Y.  
 Wittner, H. D.  $\dagger pa$   
 195 St. Nicholas ave., Bklyn.  
 Wo, S. P. *e* 510 W. 124  
 Woelfen, I. M.  $\dagger ed$  519 W. 123  
 Wofford, H. L. S. A. T. C.  
 Woglom, W. H. *e* 110 Morningside dr.  
 Wohl, I. M. *e* 164 Stanton  
 Wohl, R. R.  $\dagger b$  1845 Seventh ave.  
 Wohlfeld, L. S. A. T. C.  
 Wolf, D. H. *e* 125 W. 115  
 Wolf, H. *ph* 1424 Bryant ave.  
 Wolf, J. E.  $\dagger e$   
 65 Beechwood ave., Mt. Vernon  
 Wolf, R. Naval Unit  
 Wolfe, D.  $\dagger e$  1845-61st, Bklyn.  
 Wolfe, D. *ph* 229 E. 70  
 Wolfe, M. M.  $\dagger e$  507 W. 140  
 Wolff, A. E. L.  $\dagger pa$  126 Claremont ave.  
 Wolff, B. Naval Unit  
 Wolff, E. M. S. A. T. C.  
 Wolff, F. G. Naval Unit  
 Wolff, L.  $\dagger pa$  490 Riverside dr.  
 Wolff, M. J. *c* 1374 College ave.  
 Wolfman, W. *e* 247a Throop ave., Bklyn  
 Wolfson, F. N.  $\dagger e$  155 E. 22  
 Wolfson, P. *c* 68 W. 113  
 Wolfson, S. G. *c* 714 Madison, Bklyn.  
 Woliung, L. A.  $\dagger ed$  106 Morningside dr.  
 Wollan, M. *ph* 125 Madison  
 Wolo, P. G. *gr ed* 600 W. 122  
 Wolter, A. E.  $\dagger e$  222 W. 58  
 Wolters, H. W. S. A. T. C.  
 Wolyn, A.  $\dagger e$  2143 Clinton ave.  
 Womer, M. E.  $\dagger pa$  106 Morningside dr.  
 Wong, M. T. *gr ed* 505 W. 124  
 Wong, N.  $\dagger ph$  239 W. 126  
 Wong, W. Y. *e* 58 W. 129  
 Wong, Y. S. *gr* 16 Pell  
 Woo, C. C. *gr* 500 W. 122  
 Wood, B. S.  $\dagger pa$  547 W. 123  
 Wood, E. T.  $\dagger ed$  1234 Pacific, Bklyn.  
 Wood, F. G.  $\dagger e$  611 W. 113

Wood, G. Z. *gr* 524 Riverside dr.  
 Wood, H. P.  $\dagger pa$  611 W. 113  
 Wood, LaV. *gr ed* 415 W. 118  
 Wood, L. M.  $\dagger b$  478 State, Bklyn.  
 Wood, M. L.  $\dagger e$   
 2 S. Broadway, Tarrytown  
 Wood, M. M.  $\dagger gr$  505 W. 124  
 Wood, M. R.  $\dagger pa$  322 W. 139  
 Wood, M. T.  $\dagger b$   
 2 S. Broadway, Tarrytown  
 Wood, W. E. S. A. T. C.  
 Woodbridge, B. H. *e*  
 1050 Amsterdam ave.  
 Woodbridge, F. J. S. A. T. C.  
 Woodford, C. T. S. A. T. C.  
 Woodin, H. B.  $\dagger gr ed$  64 W. 96  
 Woodman, S. P. *e* 561 W. 186  
 Woodruff, M.  $\dagger gr$  519 W. 121  
 Woodruff, M. C.  $\dagger e$  158 W. 76  
 Woodruff, M. E.  $\dagger gr$  519 W. 121  
 Woods, E.  $\dagger gr$  Furnald  
 Woods, W. J. *e* 350 W. 55  
 Woodson, J. T. *m* 437 W. 59  
 Woodsworth, H. F. *gr ed* 519 W. 121  
 Woodworth, C. S. A. T. C.  
 Woolsey, M. E.  $\dagger$  A. S. N.  
 Woolworth, W. S., Jr. *gr* 600 W. 122  
 Wootten, C.  $\dagger pa$  Collingwood Hotel  
 Worcester, C. R.  $\dagger$  A. S. N.  
 Worcester, M. B. D. S. A. T. C.  
 Worden, E. G. S. A. T. C.  
 Worden, F. C. S. A. T. C.  
 Worden, R. C. *e* 104 Fulton  
 Hudson Heights  
 Work, L. T. S. A. T. C.  
 Wormser, R. S. Naval Unit  
 Worstell, R. V. *e* 234 W. 113  
 Worth, B. S. A. T. C.  
 Worthington, D.  $\dagger e$  19 W. 9  
 Wortis, I. D. *e* 242 Grand, Bklyn.  
 Wotman, Jacob *ph* 1433 Vyse ave.  
 Wraith, E. M.  $\dagger pa$  562 West End ave.  
 Wright, A. H. *gr* 431 W. 121  
 Wright, B. B.  $\dagger pa$  Whittier  
 Wright, C. S. A. T. C.  
 Wright, C. C.  $\dagger gr$  Pleasantville  
 Wright, E.  $\dagger m$  490 Riverside dr.  
 Wright, F. E., Jr. S. A. T. C.  
 Wright, J. E. S. A. T. C.  
 Wright, J. McC. *c*  
 186 Achroyd ave., Jamaica  
 Wright, K. O.  $\dagger e$  527 W. 121  
 Wright, L. E.  $\dagger ed$  Furnald

- Wright, M. E. † *j* 225 W. 14  
 Wright, M. I. † *e* Whittier  
 Wu, H. L. *e* 110 Morningside dr.  
 Wunderlich, E. P. † *gr* 309 W. 90  
 Wunderlich, H. *e* 613 Fifth ave.  
 Wunderlich, V. M. † *gr* 519 W. 121  
 Wurster, P. † *pa* 230 W. 105  
 Wurzbach, F. A. *m* 381 E. 165  
 Wyatt, L. A. † *pa* Whittier  
 Wyckoff, A. S. A. T. C.  
 Wyman, M. *e* 811 Ritter pl.  
 Wyman, R. *e* 811 Ritter pl.  
 Wyman, R. E. *m* 575 West End ave.  
 Yada, F. M. † *e* 2 W. 86  
 Yaeger, L. S. A. T. C.  
 Yale, G. M. † *e*  
 211 Columbia ave., Grantwood, N. J.  
 Yamada, S. *gr* 600 W. 122  
 Yamaguchi, J. *e* 53 W. 23  
 Yamaguchi, M. *e* 509 Bainbridge, Bklyn.  
 Yamaki, J. *e* 308 W. 104  
 Yamauchi, S. *e* Equitable Bldg.  
 Yang, L. T. *gr* 2783 Broadway  
 Yang, P. W. *gr* 500 W. 122  
 Yankauer, W. D. S. A. T. C.  
 Yanket, E. *ph* 330 E. 71  
 Yanowski, F. *gr ed* 70 Morningside dr.  
 Yarmolinsky, A. *gr*  
 603 Van Siclen ave., Bklyn.  
 Yasumichi, U. *e* 512 W. 142  
 Yates, R. M. S. A. T. C.  
 Yau, S. Y. *gr* 604 W. 140  
 Yawger, F. † *ed*  
 164 Highwood ave., Leonia  
 Yawger, R. I. *e* White House, N. J.  
 Yee, T. F. *e* 1565 Broadway  
 Yeh, T. C. *bu* 527 Fifth ave.  
 Yen, R. C. *pa* 500 W. 122  
 Yip, L. H. *c* 500 W. 122  
 Volin, J. *ph* 237 W. 148  
 Yost, M. K. † *pa* Whittier  
 Young, A. D. † *e* 419 W. 110  
 Young, E. F. † *e*  
 465 N. Grove, E. Orange  
 Young, E. L. † *ed* Woodridge, N. J.  
 Young, G. C. *gr* 500 W. 122  
 Young, H. † *pa*  
 333 S. Third ave., Mt. Vernon  
 Young, H. A. S. A. T. C.  
 Young, J. D. *c* 312 W. 88  
 Young, J. P. *gr* 522 W. 112  
 Young, K. M. † *b* 350 Senator, Bklyn.  
 Young, L. V. † *e* Henry & Amity, Bklyn.  
 Young, L. W. † *gr* 423 W. 118  
 Young, M. P. † *e* Whittier  
 Young, N. C. S. A. T. C.  
 Young, R. *pa* 540 W. 165  
 Young, R. S. S. A. T. C.  
 Young, T. E. † *b* 350 Senator, Bklyn.  
 Young, V. E. † *pa* Whittier  
 Young, W. C. *e* Hudson Heights, N. J.  
 Youseberg, L. I. S. A. T. C.  
 Yuan, P. C. *mec* 609 W. 115  
 Yuan, P. L. *gr* 500 W. 122  
 Yustman, J. S. A. T. C.  
 Zabriskie, A. M. † *pa* 527 W. 121  
 Zabriskie, M. L. † *e* 12 Gramercy Park  
 Zachry, C. B. † *ed* 54 Morningside dr.  
 Zahn, G. W. S. A. T. C.  
 Zaretzki, J. S. A. T. C.  
 Zaslow, J. 650 Hendrix, Bklyn.  
 Zavatt, J. C. S. A. T. C.  
 Zazeela, H. *m* 1046 Grant ave.  
 Zeidler, W. A. S. A. T. C.  
 Zeidman, L. K. † *ed*  
 546 Metropolitan ave., Bklyn.  
 Zeiger, S. Naval Unit  
 Zeinfeld, M. † *gr ed* 74 W. 118  
 Zeitlin, S. *l* 507 Manhattan ave.  
 Zelenko, A. D. S. A. T. C.  
 Zelenko, B. S. A. T. C.  
 Zelenko, C. S. A. T. C.  
 Zellar, G. *c* Harrison, N. Y.  
 Zelnigher, A. 105 S. 8, Bklyn.  
 Zelvin, P. *m* 696 Second ave.  
 Zeuner, F. H. S. A. T. C.  
 Zerner, H. *e* 797 Crotona pk, N.  
 Zevie, R. † *e* 143 W. 111  
 Zichevich, G. *e* 2472 Marion ave.  
 Zide, W. *e* 88 Attorney  
 Zieffle, H. L. † *e* 884 Riverside dr.  
 Ziegner, A. A. † *e*  
 405 Fairmount ave., Jersey City  
 Ziegenhain, J. M. † *e*  
 1084 Amsterdam ave.  
 Ziegenhain, W. M. † *ed*  
 1084 Amsterdam ave.  
 Ziegler, H. A. *e*  
 146 First ave., Long Island City  
 Ziegler, H. R. † *e* 3544 Broadway  
 Ziegler, N. A. *c* Jamaica, L. I.  
 Ziegler, O. I. † *gr ed* 600 Lexington ave.  
 Zielinska, H. M. † *e*  
 77 Sussex, Jersey City  
 Zierick, B. F. † *e* 322 E. 90  
 Zilboorg, J. M. *mec* 460 W. 143



|                              |                                   |                              |                             |
|------------------------------|-----------------------------------|------------------------------|-----------------------------|
| Zilevitz, A. † <i>e</i>      | 97 Ft. Washington ave.            | Zubris, T. E. <i>e</i>       | 566 Metropolitan ave.       |
| Zilker, J. P. † <i>gr</i>    | 200 W. 59                         | Zucker, H. <i>e</i>          | 1370 Fifth ave.             |
| Zimand, E. S. † <i>gr</i>    | 503 W. 122                        | Zucker, J.                   | Naval Unit                  |
| Zimmerman, A.                | S. A. T. C.                       | Zucker, S. <i>c</i>          | 616 W. 114                  |
| Zimmerman, A. F. <i>gr</i>   | Madison, N. J.                    | Zukauckas, E. W. <i>e</i>    | 724 Ocean Parkway, Bklyn.   |
| Zimmerman, J. <i>gr</i>      | 145 W. 117                        | Zukor, M. H. † <i>e</i>      | 343 W. 88                   |
| Zimmerman, M. <i>m</i>       | 450 W. 14                         | Zulauf, H. E. <i>e</i>       | 150 Woodworth ave., Yonkers |
| Zimmerman, M. <i>e</i>       | 375 Manhattan ave.                | Zurawski, H. M. † <i>pa</i>  | 415 W. 118                  |
| Zimmermann, A. † <i>e</i>    | 93 Liberty                        | Zvirin, A.                   | S. A. T. C.                 |
| Zingali, A. M. † <i>e</i>    | 233 W. 109                        | Zwart, B.                    | Naval Unit                  |
| Zinner, O. <i>c</i>          | 438 W. 116                        | Zweers, J. B. <i>e</i>       | Livingston                  |
| Zipper, N. B. <i>e</i>       | 106 Ludlow                        | Zweig, H. A. † <i>e</i>      | 302 W. 86                   |
| Zito, F. <i>ph</i>           | 244 Washington ave., New Rochelle | Zweighoft, J. F.             | S. A. T. C.                 |
| Zobel, E. A. † <i>ed</i>     | 449 W. 123                        | Zwerneman, E. M. † <i>pa</i> | Whittier                    |
| Zoglin, R. A. † <i>b</i>     | 127 W. 82                         | Zwinge, M. C. † <i>e</i>     | 320 E. 86                   |
| Zorn, E.                     | Naval Unit                        | Zychlinski, L. W.            | S. A. T. C.                 |
| Zottarelli, M. A. † <i>e</i> | 251 W. 81                         | Zyve, D. G. <i>gr ed</i>     | 50 Morningside dr.          |
| Zouck, A. E. † <i>gr ed</i>  | Whittier                          |                              |                             |

## Miscellaneous Addresses

|                                                     |            |
|-----------------------------------------------------|------------|
| American Association for International Conciliation | 407 W. 117 |
| Pan American Division                               | 404 W. 116 |
| Carnegie Endowment for International Peace          | 407 W. 117 |
| Clerk of the Trustees                               | 63 Wall    |
| College of Pharmacy                                 | 115 W. 68  |
| College of Physicians and Surgeons                  | 437 W. 59  |
| Columbia House                                      | 419 W. 117 |

### *Dormitories:*

|          |                     |            |                     |
|----------|---------------------|------------|---------------------|
| Brooks   | 607 W. 116          | Hartley    | 1124 Amsterdam ave. |
| Furnald  | 2940 Broadway       | Livingston | 1116 Amsterdam ave. |
| Whittier | 1230 Amsterdam ave. |            |                     |

### *Hospitals:*

|                           |                        |
|---------------------------|------------------------|
| Knickerbocker Hospital    | Amsterdam ave. and 131 |
| Presbyterian Hospital     | Madison ave. and 70    |
| Roosevelt Hospital        | Ninth ave. and 59      |
| Sloane Hospital for Women | Amsterdam ave. and 59  |
| St. Luke's Hospital       | Amsterdam ave. and 113 |

|                  |            |
|------------------|------------|
| Maison Française | 411 W. 117 |
|------------------|------------|

### *Seminaries:*

|                              |                  |
|------------------------------|------------------|
| Drew Theological Seminary    | Madison, N. J.   |
| General Theological Seminary | 175 Ninth ave.   |
| Union Theological Seminary   | Broadway and 120 |

|                    |               |
|--------------------|---------------|
| The Lincoln School | 646 Park ave. |
|--------------------|---------------|

|           |         |
|-----------|---------|
| Treasurer | 63 Wall |
|-----------|---------|

# Summary

## OFFICERS

|                                                                                                        |     |       |
|--------------------------------------------------------------------------------------------------------|-----|-------|
| Professors . . . . .                                                                                   | 175 |       |
| Associate Professors . . . . .                                                                         | 53  |       |
| Assistant Professors . . . . .                                                                         | 113 |       |
| Clinical Professors . . . . .                                                                          | 20  |       |
| Associates . . . . .                                                                                   | 47  |       |
| Instructors . . . . .                                                                                  | 193 |       |
| Curators . . . . .                                                                                     | 2   |       |
| Lecturers . . . . .                                                                                    | 39  |       |
| Assistants . . . . .                                                                                   | 54  |       |
| Clinical Assistants . . . . .                                                                          | 94  |       |
|                                                                                                        |     | <hr/> |
| UNIVERSITY OFFICERS OF INSTRUCTION . . . . .                                                           | 790 |       |
| OTHER INSTRUCTORS IN TEACHERS COLLEGE . . . . .                                                        | 126 |       |
| OTHER INSTRUCTORS IN COLLEGE OF PHARMACY . . . . .                                                     | 5   |       |
| INSTRUCTORS IN EXTENSION TEACHING NOT INCLUDED ABOVE . . . . .                                         | 127 |       |
|                                                                                                        |     | <hr/> |
|                                                                                                        |     | 1,048 |
| UNIVERSITY OFFICERS OF ADMINISTRATION NOT INCLUDED ABOVE . . . . .                                     |     | 37    |
| OTHER OFFICERS OF ADMINISTRATION, BARNARD COLLEGE, TEACHERS COLLEGE, AND COLLEGE OF PHARMACY . . . . . |     | 27    |
|                                                                                                        |     | <hr/> |
|                                                                                                        |     | 1,112 |
| EMERITUS OFFICERS . . . . .                                                                            |     | 15    |
| OTHER OFFICERS NOT IN ACTIVE SERVICE . . . . .                                                         |     | 13    |
|                                                                                                        |     | <hr/> |
| TOTAL . . . . .                                                                                        |     | 1,140 |
| HORACE MANN SCHOOL AND THE LINCOLN SCHOOL ( <i>not included above</i> ) . . . . .                      |     | 114   |

## STUDENTS

|                                                          | Summer<br>Session | Winter<br>Session | Gross<br>Total |
|----------------------------------------------------------|-------------------|-------------------|----------------|
| S. A. T. C. and Naval Unit . . . . .                     |                   | 2,218             | 2,218          |
| Columbia College . . . . .                               | 257               | 408               | 665            |
| School of Law . . . . .                                  | 19                | 48                | 67             |
| College of Physicians and Surgeons . . . . .             | 32                | 489               | 521            |
| Schools of Mines, Engineering and Chemistry . . . . .    | 12                | 37                | 49             |
| Graduate Faculties . . . . .                             | 502               | 586               | 1,088          |
| School of Architecture . . . . .                         | 6                 | 19                | 25             |
| School of Journalism . . . . .                           | 8                 | 39                | 47             |
| Barnard College . . . . .                                | 73                | 664               | 737            |
| Teachers College . . . . .                               | 1,591             | 1,909             | 3,500          |
| College of Pharmacy . . . . .                            |                   | 462               | 462            |
| Extension Teaching . . . . .                             |                   | 3,822             | 3,822          |
| School of Business . . . . .                             | 8                 | 40                | 48             |
| Unclassified University Students . . . . .               | 3,514             | 75                | 3,589          |
|                                                          |                   | <hr/>             | <hr/>          |
| TOTAL . . . . .                                          | 6,022             | 10,816            | 16,838         |
| <i>Duplicate Registrations between Schools . . . . .</i> |                   |                   | 2,060          |
| Totals by sessions and for the year to date . . . . .    | 6,022             | 10,816            | 14,778         |











